

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 14, 2003, 02:28:22 ; Search time 20 Seconds
(without alignments)
255,979 Million cell updates/sec

Title: US-09-717-095-2
Perfect score: 958
Sequence: 1 MLPMTLCRSMWLLSCLMFL.....QKWRDFNCENELPYICKFKV 174

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 2942292 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2.6/ptodata/2/1aa/5A_COMB.pep.*
2: /cgn2.6/ptodata/2/1aa/5B_COMB.pep.*
3: /cgn2.6/ptodata/2/1aa/6A_COMB.pep.*
4: /cgn2.6/ptodata/2/1aa/6B_COMB.pep.*
5: /cgn2.6/ptodata/2/1aa/PCTUS_COMB.pep.*
6: /cgn2.6/ptodata/2/1aa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	958	100.0	174	2	US-08-401-530A-2
2	958	100.0	174	2	US-08-709-662-2
3	958	100.0	175	1	US-08-909-725-6
4	598	62.4	175	2	US-08-401-530A-3
5	598	62.4	175	2	US-08-709-662-3
6	572	59.7	175	2	US-08-464-637-2
7	572	59.7	175	2	US-08-401-530A-4
8	572	59.7	175	2	US-08-709-662-4
9	572	59.7	175	2	US-08-822-261-3
10	566	59.1	174	1	US-07-778-156-7
11	566	59.1	174	2	US-08-822-261-4
12	566	59.1	174	2	US-08-822-166-7
13	557	58.1	175	2	US-08-822-261-1
14	557	58.1	184	1	US-07-778-156-2
15	557	58.1	184	2	US-08-422-166-2
16	518	54.1	174	2	US-08-401-530A-5
17	518	54.1	174	2	US-08-709-662-5
18	484	50.5	158	1	US-07-778-156-3
19	484	50.5	158	2	US-08-422-166-3
20	466	48.6	174	2	US-08-401-530A-6
21	466	48.6	174	2	US-08-709-662-6
22	402.5	42.0	166	2	US-08-729-103-4
23	395.5	41.3	165	2	US-08-401-530A-7
24	395.5	41.3	165	2	US-08-729-103-3
25	395.5	41.3	165	2	US-08-709-662-7
26	257.5	28.9	117	6	5514582-15
27	193	20.1	134	1	US-07-893-929A-2
28	193	20.1	134	5	PCT-US92-10344-2
29	190	19.8	158	2	US-08-729-103-1
30	190	19.8	158	2	US-08-468-413-2
31	190	19.8	158	3	US-09-162-508-2
32	190	19.8	158	5	PCT-US95-07169-2
33	185	19.3	131	1	US-07-893-929A-1
34	185	19.3	131	5	PCT-US92-10344-1
35	185	19.3	130	1	US-07-893-929A-7
36	172	18.0	130	5	PCT-US92-10344-7
37	172	18.0	133	1	US-07-893-929A-9
38	172	18.0	133	5	PCT-US92-10344-9
39	164	17.1	125	1	US-07-893-929A-3
40	164	17.1	125	5	PCT-US92-10344-3
41	162	16.9	132	1	US-07-893-929A-5
42	162	16.9	132	5	PCT-US92-10344-5
43	161	16.8	1722	4	US-09-194-612A-1
44	160	16.7	123	1	US-07-893-929A-4
45	160	16.7	123	5	PCT-US92-10344-4

RESULT 1
US-08-401-530A-2
; Sequence 2, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinnik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401.530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 4000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-401-530A-2

Query Match 100.0%; Score 958; DB 2; Length 174;

Best Local Similarity 100.0%; Pred. No. 2.7e-98;

Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLPMTLCRSMWLLSCLMFLSWVEGESOKLPSSRITCPQGSVAYGYCYSLILIPQW 60
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Db 1 MLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Qy 121 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
Db 121 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174

RESULT 2



US-08-709-662-2
; Sequence 2, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-709-662-2

Query Match 100.0%; Score 958; DB 2; Length 174;
Best Local Similarity 100.0%; Pred. No. 2.7e-98;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Db 1 MLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Qy 121 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
Db 121 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174

RESULT 3

US-08-909-725-6
; Sequence 6, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INCAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT



INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-909-725-6

Query Match 100.0%; Score 958; DB 1; Length 175;
Best Local Similarity 100.0%; Pred. No. 2.8e-98;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Db 2 MLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 61
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 62 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPHSHGTLPNGSGWK 121
Qy 121 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
Db 122 WSSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 175

RESULT 4

US-08-401-530A-3
; Sequence 3, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence

```

; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Rattus rattus
; US-08-401-530A-3

; Query Match 62.4%; Score 598; DB 2; Length 175;
; Best Local Similarity 61.6%; Pred. No. 1.8e-58;
; Matches 101; Conservative 30; Mismatches 33; Indels 0; Gaps 0;

QY 9 MSWMLLSCLMFSLWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQWNSAELSCQ 68
Db 10 MSWMLLSCLMLLSQVQGEDSPKIPSAISCPKGSQAYGSCYALFQIPQWFDALACQ 69

QY 69 MHFSGHLAFLSTGETTFVYSLVKNLSLTAYQYIWIHLDPHSHGTLPGSGWKWSSSNVLT 128
Db 70 KRPEGLVSVLNVAEASFLASWKNVNTGNSYQYIWIHLDPHSHGTLPGSGWKWSSSNVLT 129

QY 129 FYNWRNPSTADRGYCAVLSQKSGFKWRDNCENELPYICKF 172
Db 130 YNWRNPSTALDRGFCGSLRSSGFLWRDITCEVKLPYCKF 173

; RESULT 5
; US-07-709-662-3
; Sequence 3, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Raffaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.

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; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Rattus rattus
; US-08-709-662-3

; Query Match 62.4%; Score 598; DB 2; Length 175;
; Best Local Similarity 61.6%; Pred. No. 1.8e-58;
; Matches 101; Conservative 30; Mismatches 33; Indels 0; Gaps 0;

QY 9 MSWMLLSCLMFSLWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQWNSAELSCQ 68
Db 10 MSWMLLSCLMLLSQVQGEDSPKIPSAISCPKGSQAYGSCYALFQIPQWFDALACQ 69

QY 69 MHFSGHLAFLSTGETTFVYSLVKNLSLTAYQYIWIHLDPHSHGTLPGSGWKWSSSNVLT 128
Db 70 KRPEGLVSVLNVAEASFLASWKNVNTGNSYQYIWIHLDPHSHGTLPGSGWKWSSSNVLT 129

QY 129 FYNWRNPSTADRGYCAVLSQKSGFKWRDNCENELPYICKF 172
Db 130 YNWRNPSTALDRGFCGSLRSSGFLWRDITCEVKLPYCKF 173

; RESULT 6
; US-08-464-637-2
; Sequence 2, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637

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; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-464-637-2

Query Match 59.7%; Score 572; DB 2; Length 175;
Best Local Similarity 57.6%; Pred. No. 1.4e-55;
Matches 98; Conservative 34; Mismatches 38; Indels 0; Gaps 0;

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Db 4 PMALPSVSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQTHSN 63
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QY 63 AELSCOMHFSGHFLAFLLSTGEITFYVSSLVKNSLTAYQYIWIICLHDPHSGTLPNGSGWKWS 122
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Db 64 ADLACQKRPNSGLSVLSGAEQSFVSSLVKNSLTAYQYIWIICLHDPHSGTLPNGSGWKWS 123
  || | :||||| || | :||||| || | :||||| || | :||||| || | :|||||
QY 123 SSVNLTFTYNWERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKF 172
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Db 124 SSDVMNYFAWERNPSTISSPGHCASLSRSTAFLRWKDYNVRLPYVCKF 173
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RESULT 7
US-08-401-530A-4
; Sequence 4, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401.530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-709-662-4

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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-401-530A-4

Query Match 59.7%; Score 572; DB 2; Length 175;
Best Local Similarity 57.6%; Pred. No. 1.4e-55;
Matches 98; Conservative 34; Mismatches 38; Indels 0; Gaps 0;

QY 3 PMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQTHSN 62
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Db 4 PMALPSVSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQTHSN 63
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QY 63 AELSCOMHFSGHFLAFLLSTGEITFYVSSLVKNSLTAYQYIWIICLHDPHSGTLPNGSGWKWS 122
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Db 64 ADLACQKRPNSGLSVLSGAEQSFVSSLVKNSLTAYQYIWIICLHDPHSGTLPNGSGWKWS 123
  || | :||||| || | :||||| || | :||||| || | :||||| || | :|||||
QY 123 SSVNLTFTYNWERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKF 172
  || | :||||| || | :||||| || | :||||| || | :||||| || | :|||||
Db 124 SSDVMNYFAWERNPSTISSPGHCASLSRSTAFLRWKDYNVRLPYVCKF 173
  || | :||||| || | :||||| || | :||||| || | :||||| || | :|||||

RESULT 8
US-08-709-662-4
; Sequence 4, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709.662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-709-662-4

Query Match 59.7%; Score 572; DB 2; Length 175;
Best Local Similarity 57.6%; Pred. No. 1.4e-55;
Matches 98; Conservative 34; Mismatches 38; Indels 0; Gaps 0;

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QY 3 PMTLCRSMWLLSCMLFSLVVEGEESQKKLPSSRITCPOGSVAYGSCYCYSLILIPOTWSN 52
 Db 4 PMAPLSVSWMLLSCMLFSLVQVEEPORELPSARIIRCPKGSKAYGSHCVLFLSPKSWTD 63
 QY 63 AELSCQMHFSGHLAFLSLTGEITFVSVLVKNSLTAYQYIWIGLHDPDSHGTLPNGSGWKWS 122
 Db 64 ADLACQKRPSSGNLVSVLSGAGESFVSVLVKNSIGNSYSYVWIGLHDTQGTPENGEGWWS 123
 QY 123 SSVNLTYYNWRNPSTAADRGYCAVLISQKSGFQKWRDFNCENELPYCKF 172
 Db 124 SSDWNYFAWERNPSTISSPGHCASLSRSTAFLRWRDYNVNLRLPYVCKF 173

RESULT 9
 US-08-822-261-3
 ; Sequence 3, Application US/08822261
 ; Patent No. 5935813
 ; GENERAL INFORMATION:
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
 ; TITLE OF INVENTION: PROTEIN
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/822,261
 ; FILING DATE: Filed Herewith
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0251 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 262369
 ; US-08-822-261-3

Query Match	59.7%	Score	572;	DB 2;	Length	175;
Best Local Similarity	57.6%;	Pred. No.	1.4e-55;			
Matches	98;	Conservative	34;	Mismatches	38;	Gaps
Qy	3	PMTLCRSMWLLSCIMFLSWVEGSEOKKLPSRRITCPQGSVAYGSCYCSYLILIPQWWSN	62			
		: : : : : : :				
Db	4	PMALPSYSMWLLSCIMLLSQVGEPQRELPSARIRCPKGSKAYGSHCYALFLSPKSWTD	63			
		: : : : : :				
Qy	63	AELSCQMHFSCHLAFLLSTGEITFTVSSLVKNSLTAYQYIWTGLDHPDPSHGTLPNCSGKWS	122			
		: : : : : : : :				
Db	64	ADLACQKRPNGNLVSLVAGAPFSVLSKIGNSIYVWIGLHDPTQGTPTNPEGNGWS	123			
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QY 123 SSVNLTFFYNWERNPSIAADRGYCAVLKSQSGFKWRDFNCENELPYICKF 172
Db 124 SSDVNYFWAERNPSTISSPGHCASLSRSTAFLRKWKDYNCNVRLPYVCKF 173

RESULT 10
US-07-778-156-7
; Sequence 7, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-07-778-156-7

Query Match 59.1%; Score 566; DB 1; Length 174;
Best Local Similarity 57.4%; Pred. No. 6.3e-55;
Matches 97; Conservative 34; Mismatches 38; Indels 0; Gaps 63

QY 3 PMTLCRWSMMLSCMLFMSVWVEGESOKKLPSSRITCPQGSVAYGSYCYSLILIPQWNS 121
Db 4 PMALPSVSMMLSCMLLSQVQGEPORELPSAIRPCPKGSKAYGSHCYALFLSPKSWTD 63
QY 63 AELSCMHFSCHLAFLASTGEITTFVSSLVNSLTAYOYIWGLHDPHSGTLPNGSGWKWS 122
Db 64 ADLACQRPSGNLVSVLGAEGSFVSLVSGNSIGNSYVWIGLHDPTQGTPEPNEGWEWS 123
QY 123 SSVNLTFFYNWERNPSIAADRGYCAVLKSQSGFKWRDFNCENELPYICK 171
Db 124 SSDVNYFWAERNPSTISSPGHCASLSRSTAFLRKWKDYNCNVRLPYVCK 172

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RESULT 11
US-08-822-261-4
; Sequence 4, Application US/08822261

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; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189601
; US-08-822-261-4

Query Match 59.1%; Score 566; DB 2; Length 174;
Best Local Similarity 57.4%; Pred No. 6.3e-55;
Matches 97; Conservative 34; Mismatches 38; Indels 0; Gaps 0;

QY 3 PMTLCRMWLLSCLMFLSWVEGESQKKLPSSRITPCQGSVAYGYCYSLILIPQTWSN 62
   || | :||||| || | :||| ||| :||| ||| :||| ||| :||| ||| :|||
Db 4 PMALPSVSMWLLSCLMFLSQVQGEPPQRLPSARIRCPKGSKAYGSHCYALFLSPKSWTD 63

QY 63 AELSCOMHFSGHIAFLLTGTEITFVSSLVKNSLTAYQYIWIHLDPHSGHTLPGSGWKWS 122
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 64 ADLACQKRPESGNLVSLGAEGSFVSLVKSIGNSYVYWIHLDPHTQGTPEPNEGGEWS 123

QY 123 SSNVLTFYNWERNPSTIAADRGYCAVLISQKSGFGQKWRDENCENELPYICK 171
   ||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 124 SSDVMNIFAWERNPSTISSPGHCASLSRSTAFLRWKDYNCRVRLPYICK 172

RESULT 12
US-08-422-166-7
; Sequence 7, Application US/08422166
; Patent No. 5935086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-08-422-166-7

Query Match 59.1%; Score 566; DB 2; Length 174;
Best Local Similarity 57.4%; Pred No. 6.3e-55;
Matches 97; Conservative 34; Mismatches 38; Indels 0; Gaps 0;

QY 3 PMTLCRMWLLSCLMFLSWVEGESQKKLPSSRITPCQGSVAYGYCYSLILIPQTWSN 62
   || | :||||| || | :||| ||| :||| ||| :||| ||| :||| ||| :|||
Db 4 PMALPSVSMWLLSCLMFLSQVQGEPPQRLPSARIRCPKGSKAYGSHCYALFLSPKSWTD 63

QY 63 AELSCOMHFSGHIAFLLTGTEITFVSSLVKNSLTAYQYIWIHLDPHSGHTLPGSGWKWS 122
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Db 64 ADLACQKRPESGNLVSLGAEGSFVSLVKSIGNSYVYWIHLDPHTQGTPEPNEGGEWS 123

QY 123 SSNVLTFYNWERNPSTIAADRGYCAVLISQKSGFGQKWRDENCENELPYICK 171
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Db 124 SSDVMNIFAWERNPSTISSPGHCASLSRSTAFLRWKDYNCRVRLPYICK 172

RESULT 13
US-08-822-261-1
; Sequence 1, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
```

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; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911129
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 543616man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-778-156-2

Query Match 58.1%; Score 557; DB 1; Length 184;
Best Local Similarity 60.1%; Pred. No. 6.7e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps

QY 9 MSWLLSCLMFLSWGGEESQKLPDSRTCPGGSVAYSGYSYLILIPQTWSNABLSQ 68
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Db 10 MSWLLSCLMLLSSQVGEDSPKKIPSAISCRKPSQAGSYCYALPQIPQTWFDAELAQ 69
| | | | | | | | | | : | | | | | | | | | | | | | | | | | | | | | | | |
QY 69 MHFSGHGLAFLLNGETFEVSSLVKNLSITAYQIWIIGLHDPHSCHTLPNGSGWKWSSSVLT 128
| | | | | | | | | | : | | | | | | | | | | | | | | | | | | | | | | | |
Db 70 KRPEGLHVLVINVAEASFASMWVKNTGNSTQYYTWIGLHDPTLGEGEPNGGWNSNDIMN 129
| | | | | | | | | | : | | | | | | | | | | | | | | | | | | | | | | | |
QY 129 FYWNERNPSTAADRGYCAVLSQKSQGFKWRDNCENEL 166
| | | | | | | | | | : | | | | | | | | | | | | | | | | | | | | | | | |
Db 130 YVNWERNPSTALDRGCGLSLRSSGFLRWDRDTCEVEV 167
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RESULT 15
US-08-422-166-2
; Sequence 2, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCELLELAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 595908man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:

```

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;
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-422-166-2

Query Match      58.1%; Score 557; DB 2; Length 184;
Best Local Similarity 60.1%; Pred. No. 6.7e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps 0;

QY 9 MSWMLLSCLMFLSWVEGESQKLPSSRTCPQGSVAYGYCYSLILIPQWTSNAELSCQ 68
Db 10 MSWMLLSCLMFLSQVGEDSPKKIPSAKISCPSQAYGYCYALFQIPQWTFDAELACQ 69
QY 69 MHFSGHLAFLLSTGEITFVSSLVKNSLTAYQYIWIQLHDPHSHGTLPNGSGWKWSSSNVLT 128
Db 70 KRPEGLVSVLVNAEASFLASVWKVTGNSYQYTWIGLHDPTLGGEPNCGGWEWSNNDIMN 129
QY 129 FYNWERNPSIAADRGYCAVLSQKSGFKWRDPNCENEL 166
Db 130 YVNWERNPSTALDRGCGSLRSRSGFLWRDPTCEVEV 167
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Search completed: February 14, 2003, 05:05:44
Job time : 24 secs

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 14, 2003, 00:34:36 ; Search time 589 Seconds
(without alignments)
645.950 Million cell updates/sec

Title: US-09-717-095-1
Perfect score: 747
Sequence: 1 CTGCAAGACAGGTACCATGA.....AAAAATAAATGTCATCAAC 747

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_NA.*

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- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
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- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	586	78.4	586	10	US-09-739-262-3
2	304.8	40.8	859	9	US-09-978-295A-451
3	304.8	40.8	859	9	US-09-978-697-451
4	304.8	40.8	859	9	US-09-978-192A-451
5	304.8	40.8	859	9	US-09-999-832A-451
6	304.8	40.8	859	9	US-09-978-189-451
7	304.8	40.8	859	9	US-10-174-590-423
8	304.8	40.8	859	9	US-10-176-758-423
9	304.8	40.8	859	9	US-10-175-737-423
10	304.8	40.8	859	9	US-10-173-706-423
11	304.8	40.8	859	9	US-10-175-738-423
12	304.8	40.8	859	9	US-10-175-752-423
13	304.8	40.8	859	9	US-10-176-482-423
14	304.8	40.8	859	9	US-10-176-757-423
15	304.8	40.8	859	9	US-10-176-913-423
16	304.8	40.8	859	9	US-10-180-552-423
17	304.8	40.8	859	9	US-10-180-557-423
18	304.8	40.8	859	9	US-10-173-700-423
19	304.8	40.8	859	9	US-10-174-572-423

ALIGNMENTS

RESULT 1

US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraeffe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739.262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

Query Match	78.4%	Score 586;	DB 10;	Length 586;
Best Local Similarity	100.0%;	Pred. No. 4.8e-174;		
Matches 586;	Conservative	0;	Mismatches 0;	Indels 0; Gaps 0;
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Qy	84	GGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCTTTCTTACGTATAACCTGCTCAAG 143		
Db	61	GGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCTTTCTTACGTATAACCTGCTCAAG 120		
Qy	144	GCTCTGTAGCTATGGGTCCTATTGCTATTACATGATTTTGTATACACAGACCTGGTCTA 203		
Db	121	GCTCTGTAGCTATGGGTCCTATTGCTATTACATGATTTTGTATACACAGACCTGGTCTA 180		
Qy	204	ATGCAGAACTATCTCCGACAGATGCAATTTCTCAGGACACTGCGATTTCTTCTCAGTACTG 263		
Db	181	ATGCAGAACTATCTCCGACAGATGCAATTTCTCAGGACACTGCGATTTCTTCTCAGTACTG 240		
Qy	264	GTGAATTAACCTTCGTGTCCTCCCTTGTGAAGAACAGTTTGACGGCCCTACCAAGTACATCT 323		

Db 241 GTGAATTTACCTTCGTGTCCTCCCTGTTGAAGAACAGTTTGACGGCCCTACAGTACATCT 300
Qy 324 GGATTGGACTCCATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGA 383
Db 301 GGATTGGACTCCATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGA 360
Qy 384 GCAGTTCCAATGTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTCGTCGAC 443
Db 361 GCAGTTCCAATGTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTCGTCGAC 420
Qy 444 GTGGTTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAAT 503
Db 421 GTGGTTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAAT 480
Qy 504 GTGAAATGAGCTCCCTATATCTGCAATTCAGAGTCTAGGCTAGGAGTCTAATTTCAACA 563
Db 481 GTGAAATGAGCTCCCTATATCTGCAATTCAGAGTCTAGGCTAGGAGTCTAATTTCAACA 540
Qy 564 GCTTGAATAATTTATGAAGCTCACATGGACAAAGGAAGCAAGTATGA 609
Db 541 GCTTGAATAATTTATGAAGCTCACATGGACAAAGGAAGCAAGTATGA 586

RESULT 2
US-09-778-295A-451
; Sequence 451, Application US/09778295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/778.295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1997-11-03
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APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
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APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR FILING DATE: 09/918585
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; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
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QY 249 TTCCTTCTCAGTACTGGTGAATATACCTTCGTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 308
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RESULT 4

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US-09-978-192A-451
; Sequence 451, Application US/09978192A
; Patent No. US2002017553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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APPLICANT: Baker Kevin P.		
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APPLICANT: Eaton, Dan		
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APPLICANT: Tumas, Daniel		
APPLICANT: Williams, P. Mickey		
APPLICANT: Wood, William I.		
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FILE REFERENCE: P2630PIC7		
CURRENT APPLICATION NUMBER: US/09/978,189		
CURRENT FILING DATE: 2001-10-15		
PRIOR APPLICATION NUMBER: 09/918585		
PRIOR FILING DATE: 2001-07-30		
PRIOR APPLICATION NUMBER: 60/062250		
PRIOR FILING DATE: 1997-10-17		
PRIOR APPLICATION NUMBER: 60/064249		
PRIOR FILING DATE: 1997-11-03		
PRIOR APPLICATION NUMBER: 60/065311		
PRIOR FILING DATE: 1997-11-13		
PRIOR APPLICATION NUMBER: 60/066364		
PRIOR FILING DATE: 1997-11-21		
PRIOR APPLICATION NUMBER: 60/077450		
PRIOR FILING DATE: 1998-03-10		
PRIOR APPLICATION NUMBER: 60/077632		
PRIOR FILING DATE: 1998-03-11		
PRIOR APPLICATION NUMBER: 60/077641		
PRIOR FILING DATE: 1998-03-11		
PRIOR APPLICATION NUMBER: 60/077649		
PRIOR FILING DATE: 1998-03-11		
PRIOR APPLICATION NUMBER: 60/077791		
PRIOR FILING DATE: 1998-03-12		
PRIOR APPLICATION NUMBER: 60/078004		
PRIOR FILING DATE: 1998-03-13		
PRIOR APPLICATION NUMBER: 60/078886		
PRIOR FILING DATE: 1998-03-20		
PRIOR APPLICATION NUMBER: 60/078936		
PRIOR FILING DATE: 1998-03-20		
PRIOR APPLICATION NUMBER: 60/078910		
PRIOR FILING DATE: 1998-03-21		
PRIOR APPLICATION NUMBER: 60/079688		
PRIOR FILING DATE: 1998-03-27		
PRIOR APPLICATION NUMBER: 60/079663		
PRIOR FILING DATE: 1998-03-27		
PRIOR APPLICATION NUMBER: 60/079728		
PRIOR FILING DATE: 1998-03-27		
PRIOR APPLICATION NUMBER: 60/079786		
PRIOR FILING DATE: 1998-03-27		
PRIOR APPLICATION NUMBER: 60/079920		
PRIOR FILING DATE: 1998-03-30		
PRIOR APPLICATION NUMBER: 60/079923		
PRIOR FILING DATE: 1998-03-30		
PRIOR APPLICATION NUMBER: 60/080105		
PRIOR FILING DATE: 1998-03-31		
PRIOR APPLICATION NUMBER: 60/080107		
PRIOR FILING DATE: 1998-03-31		
PRIOR APPLICATION NUMBER: 60/080165		
PRIOR FILING DATE: 1998-03-31		
PRIOR APPLICATION NUMBER: 60/080194		
PRIOR FILING DATE: 1998-03-31		
PRIOR APPLICATION NUMBER: 60/080327		
PRIOR FILING DATE: 1998-04-01		
PRIOR APPLICATION NUMBER: 60/080328		
PRIOR FILING DATE: 1998-04-01		
PRIOR APPLICATION NUMBER: 60/080333		
PRIOR FILING DATE: 1998-04-01		
PRIOR APPLICATION NUMBER: 60/080334		
PRIOR FILING DATE: 1998-04-01		
PRIOR APPLICATION NUMBER: 60/081070		
PRIOR FILING DATE: 1998-04-08		
PRIOR APPLICATION NUMBER: 60/081049		
PRIOR FILING DATE: 1998-04-08		
PRIOR APPLICATION NUMBER: 60/081071		
PRIOR FILING DATE: 1998-04-08		
PRIOR APPLICATION NUMBER: 60/081195		
PRIOR FILING DATE: 1998-04-08		
PRIOR APPLICATION NUMBER: 60/081203		
PRIOR FILING DATE: 1998-04-09		
PRIOR APPLICATION NUMBER: 60/081229		
PRIOR FILING DATE: 1998-04-09		
PRIOR APPLICATION NUMBER: 60/081955		
PRIOR FILING DATE: 1998-04-15		
PRIOR APPLICATION NUMBER: 60/081817		
PRIOR FILING DATE: 1998-04-15		
PRIOR APPLICATION NUMBER: 60/081819		
PRIOR FILING DATE: 1998-04-15		
PRIOR APPLICATION NUMBER: 60/081952		
PRIOR FILING DATE: 1998-04-15		
PRIOR APPLICATION NUMBER: 60/081838		
PRIOR FILING DATE: 1998-04-15		
PRIOR APPLICATION NUMBER: 60/082568		
PRIOR FILING DATE: 1998-04-21		
PRIOR APPLICATION NUMBER: 60/082569		
PRIOR FILING DATE: 1998-04-21		
PRIOR APPLICATION NUMBER: 60/082704		
PRIOR FILING DATE: 1998-04-22		
PRIOR APPLICATION NUMBER: 60/082804		
PRIOR FILING DATE: 1998-04-22		
PRIOR APPLICATION NUMBER: 60/082700		
PRIOR FILING DATE: 1998-04-22		

Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTCCCTGCC 68
DB 78 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTCTCTGGATGCTGCTTTCCCTGCC 137

QY 69 TGATGTTCTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCCACGTA 128
DB 138 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAAACCCAGAGAACTGCCCTCTCCACGGA 197

QY 129 TAACCTGTCTCAAGGCTCTGTAGCTATGGTCTCTATTGCTATTCTACTGATTTGTATAC 188
DB 198 TCAGCTGTCCCAAGGCTCCCAAGGCTATGGCTCCCTGCTATGCTGCTTTGTTGTCAC 257

QY 189 CACAGACCTGTCTAATGACAGACTATCCTGCCAGATGATTTCTCAGGACACCTGGCAT 248
DB 258 CAAATCCTGGATGGATGCAGATCTGGCTTCCAGAGAGCGCCCTCTCGAAACCTGGTGT 317

QY 249 TTCCTTCAGTACTGCTGAATTTACCTTCGTGCTCTCCCTTGTGAAGAACAGTTTGACGG 308
DB 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCTGCTCTCCCTGCTGAGGAGCATTTAGTAACA 377

QY 309 CCTACCACTACATCTGGATGGATGCCATGATCCCTCACATGGTACACTACCCCAACGGAA 368
DB 378 GCTACTCAATGATCTGGATGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG 437

QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCT 428
DB 438 ATGGATGGAGTGGAGTAGCACTGATGTGATGAATTAATTTGTCATGGGAGAAATCCCT 497

QY 429 CTATTGCTGCTGACCGTGGTTATTGTGCAGTTTGTCTCAGAAATCAGTTTTCAGAAGT 488
DB 498 CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGT 557

QY 489 GGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGCTTAGGGCA 548
DB 558 GGAAGATTTAACTGTGATGCAAAAGTTACCTTATGCTGCAAGTTCAAGGACTAGGGCA 617

QY 549 GTTCTAAATTTCAACAGCTTGAATAATTTATGAAGCTCACATGGGACAAAGCAAGTATG 608
DB 618 GGTGGAGTCAAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGAGACCATGAGTGTG 677

RESULT 8

US-10-176-758-423
; Sequence 423, Application US/10176758
; Publication No. US2003008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA

; ORGANISM: Homo Sapien
US-10-176-758-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTCCCTGCC 68
DB 78 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTCTCTGGATGCTGCTTTCCCTGCC 137

QY 69 TGATGTTCTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCCACGTA 128
DB 138 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAAACCCAGAGAACTGCCCTCTCCACGGA 197

QY 129 TAACCTGTCTCAAGGCTCTGTAGCTATGGTCTCTATTGCTATTCTACTGATTTGTATAC 188
DB 198 TCAGCTGTCCCAAGGCTCCCAAGGCTATGGCTCCCTGCTATGCTGCTTTGTTGTCAC 257

QY 189 CACAGACCTGTCTAATGACAGACTATCCTGCCAGATGATTTCTCAGGACACCTGGCAT 248
DB 258 CAAATCCTGGATGGATGCAGATCTGGCTTCCAGAGAGCGCCCTCTCGAAACCTGGTGT 317

QY 249 TTCCTTCAGTACTGCTGAATTTACCTTCGTGCTCTCCCTTGTGAAGAACAGTTTGACGG 308
DB 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCTGCTCTCCCTGCTGAGGAGCATTTAGTAACA 377

QY 309 CCTACCACTACATCTGGATGGATGCCATGATCCCTCACATGGTACACTACCCCAACGGAA 368
DB 378 GCTACTCAATGATCTGGATGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG 437

QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCT 428
DB 438 ATGGATGGAGTGGAGTAGCACTGATGTGATGAATTAATTTGTCATGGGAGAAATCCCT 497

QY 429 CTATTGCTGCTGACCGTGGTTATTGTGCAGTTTGTCTCAGAAATCAGTTTTCAGAAGT 488
DB 498 CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGT 557

QY 489 GGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGCTTAGGGCA 548
DB 558 GGAAGATTTAACTGTGATGCAAAAGTTACCTTATGCTGCAAGTTCAAGGACTAGGGCA 617

QY 549 GTTCTAAATTTCAACAGCTTGAATAATTTATGAAGCTCACATGGGACAAAGCAAGTATG 608
DB 618 GGTGGAGTCAAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGAGACCATGAGTGTG 677

QY 609 AGGATTCACCTCAGGAAGCAGCTGCTGCCCTACACACCCACACC 652
DB 678 AAGACTCACCCCTGGAAGAGAATATTCTCCCAAACTGCCCTTACC 721

RESULT 9

US-10-175-737-423
; Sequence 423, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19

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; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-737-423

```

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

Qy	9	CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTCGCC	68
Db	78	CAGACACTGCTGCTCCCATGCCCCTGCCAGTGTGTCTCGATGCTGCTTTCCTGCC	137
Qy	69	TGATGTTCTCTTCTTGGGTGGAGGTGACAAATCTCAAAAGAAACGCCCTCTTCACGTA	128
Db	138	TCATTCTCTGTGTCAAGGTTCAAGGTGAAGAAACCCAGAAGGAACCTGCCCTCTCCACGGA	197
Qy	129	TAACTCTGCTCAAGGCTCTGTAGCCTATGSGTCCCTATTCCTATTCACTGATTTTGATAC	188
Db	198	TCAGCTGTCCCAAGGCTCCAAGSCCTATGGCTCCCTCTGCTATGCTTGTGTTGTGCAC	257
Qy	189	CACAGACCTGGCTAATGTCAGAACTATCCTGCCAGATGCAATTTCTCAGGACACCTGGCAT	248
Db	258	CAAAATCCTGGATGGATGAGATCTGGCTTGGCCAGAAGCGCCCTCTGGAATACTGGTGT	317
Qy	249	TTCTTCTCACTGCTGGTGAATTAACCTTCGTGTCCTCCCTTGTGGAAGAACAGTTTACCGG	308
Db	318	CTGTGCTCACTGGGCTGAGGATCCTTCGTGTCCTCCCTGGTGAGGAGCATTAGTAAACA	377
Qy	309	CTTACCAAGTACATCTGATTGGACTCCATGATCCCTCAATGATGTACACTACCCACAGGAA	368
Db	378	GCTACTCATACTGTGATTGGGCTCCATGACCCACACAGGCGCTGTGAGCCTGATGGAG	437
Qy	369	GTGGATGGAAGTGAGCAGTTCCAAATGTGCTGACCTCTCTATACTGSGAGAGGAACCCCT	428
Db	438	ATGATGGGAGTGGGATGACACTGATGTGATGAATTACTTTTGATGGGAGAAAATCCCT	497
Qy	429	CTATTGCTGTCACCGTGGTTATTGTGCAGTTTTGTCTCAGAATCAGGTTTTTCAGAAGT	488
Db	498	CCACCATTTAAACCCCTGGCCACTGTGGGAGCGCTGTCAAGAACACACAGGATTTCTGAAGT	557
Qy	489	GGAGAGATTTTAATTGTGAAAATGAGCTTCCCTATATCTGCCAAATTCAGGCTTAGGGCA	548
Db	558	GGAAAGATTATACTGTGATGCAAAAGTACCCCTATGCTGTCAAGTTTCAAGGACTAGGGCA	617
Qy	549	GTTCTAATTTCAACAGCTTGAAAATATTATGAAGCTTCACATGACAAAGGAAGCAACTATG	608
Db	618	GGTGGGAAGTCACGACCTCAGCTTGGCGTGCACCTCATCATGGACATGAGACCAGTGTG	677
Qy	609	AGGATTCACTCAGGAAGACGACTCTGGCTACACACCCACACC	652
Db	678	AAGACTCACCTCGAAGAGAAATATCTCCCAAACTGGCCCTACC	721

RESULT 10
US-10-173-706-423
; Sequence 423, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

```

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
;
; FILE REFERENCE: P3430R1C7
;
; CURRENT APPLICATION NUMBER: US/10/173,706
;
; CURRENT FILING DATE: 2002-06-17
;
; Prior Application removed - See file Wrapper or Palm
;
; NUMBER OF SEQ ID NOS: 612
;
; SEQ ID NO 423
;
; LENGTH: 859
;
; TYPE: DNA
;
; ORGANISM: Homo Sapien
;
; US-10-173-706-423

```

Query Match	40.8%;	Score 304.8;	DB 9;	Length 859;
Best Local Similarity	67.1%;	Pred. No. 1.2e-85;		
Matches 432; Conservative	0;	Mismatches 212;	Indels 0;	Gaps 0;

Qy	9	CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGTAGATGCTTGGATGCTGCTTTCTCGCC	68
Db	78	CAGACATATGCTGCCTCCCATGGCCCTGCCAGTGTGCTTGGATGCTGCTTTCTCGCC	137
Qy	69	TGATGTTCTTTCTTGSGTGGAGGTGAAGAACTCAAAGAAGAACTGCTTCTTCAACGTA	128
Db	138	TCAATCTCTCTGTGTCAGGTTCAAGGTGAAGAAACCCAGAGGAACCTGCCCTCTCCACGGA	197
Qy	129	TAACCTCTCTCAAGGCTCTGTAGCCCTATGSGTCTTATTGCTATTCACTGATTTTGATAC	188
Db	198	TCAGCTCTCCCAAAGGCTCCAAGGCTATGSGTCCGCCCTGCTATGCTTGTGTTTTGTCTAC	257
Qy	189	CACAGACCTGGCTAATGACAGAACTATCTGCCAGATGCAATTTCTCAGACACACCTGGCAT	248
Db	258	CAAAATCCTGGATGGATGAGATCTGGCTTGCCAGAAGCGGCCCTCTGGAAACCTGGTGT	317
Qy	249	TTCTTCTCACTACTGGTGAATTAACCTTCGTGTCCTCCCTTGTAAGAACAAGTTTGACGG	308
Db	318	CTGTGCTCAGTGGGCTGAGGGATCCTTCGTGTCCTCCCTGGTGGAGGCAATTAGTAACA	377
Qy	309	CCTACCAAGTACATCTGATTTGAGTCCATGATCCCTCAGATGGTACACATACCCACAGGAA	368
Db	378	GCTACTCATACATCTGGATTTGGGCTCCATGACCCCAACACAGGGCTCTGAGCCCTGATGGAG	437
Qy	369	GTGATGGAAAGTGAGCAGTTCCAATGCTGTGACCTCTATTAACCTGGGAGAGAACCCCT	428
Db	438	ATGGATGGGAGTGGATGACATGATGATGAATTAATTTGATGGGAGAAAATCCCT	497
Qy	429	CTATTGCTGTGACCGTGGTTATTGTGCAGTTTTGTCTCAGAAATCAGGTTTTCAGAAGT	488
Db	498	CCACCATTTAAACCCCTGGCCACTGTGGGAGCCCTGTCAGAAAGCAGAGGATTTCTGAAGT	557
Qy	489	GGAGAGATTTAATTGTGAAAATGACGTTCCCTATATCTGCAAAATTCAGGTTCTAGGGCA	548
Db	558	GGAAAGATTATACTGTGATGCAAAAGTTACCCCTATGCTCTGCAAGTTTCAAGGACTAGGGCA	617
Qy	549	GTCTTAATTTCAACAGCTTGAAAATATTATGAAGCTTCACATGCACAAGGAACAAGTATG	608
Db	618	GGTGGGAAGTCACGACGCTCAGCTTGGCGTGCAGCTCATCATGGACATGAGACCAGTGTG	677
Qy	609	AGGATTCACTCAGGAAGACGAGCTCTGCTCTACACCCACACC	652
Db	678	AAGACTCACCTCGAAGAGAAATATTTCTCCCAAACTGCCTTACC	721

RESULT 11
US-10-175-738-423
; Sequence 423, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurnev, Austin L.

```

; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Saplen
US-10-175-738-423

```

Query Match	40.98;	Score	304..8;	DB	9;	Length	859;	
Best Local Similarity	67.1k;	Pred.	No. 1.2e-85;					
Matches	432; Conservative	0;	Mismatches	212;	Indels	0;	Gaps	0;

QY	9	CAGGTACCATGATGCTTCCCATGACCCTCTGTAGCATGTCCTTTGGATGCTGCTTCTTCCTGCC	68
Db	78	CAGACATATGCTGCCTCCCATGCCCCTGCCCACTGTGCTCTGGATGCTGCTTCTCCTGCC	137
QY	69	TGATGTTCCCTTCTTTGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCCTTCCTTCACGTA	128
Db	138	TCATPTCTCCTGTGFCAGGTTCAAGGTGAAGAACCCAGAGAAACTGCCCTCTCCAGGA	197
QY	129	TAACCTGTCCTCAAGGCTCTGTAGCCTATGGTCCCTATTGCTATTCTCACTGATTTGATAC	188
Db	198	TCAGCTGTCCCAAAGGCTCCAAGCCCTATGGCTCCCCCTGCTATGCCCTGTTTTGTTCAC	257
QY	189	CACAGACCTGGTCTPAATGACAGAACTATCTCGCCAGATGCATTTCTCAGGACACCTGGCAT	248
Db	258	CAAAATCCTGGATGGATGTCAGATCTGGCTTGCCAGAGCGGCCCTCTGGAAAACCTGGTGT	317
QY	249	TTCTTTCACGTACGTGGTGAATAACCTTCGTTGCTCCCTGTCGAAGACAGTTTGACGG	308
Db	318	CTGTGCTTAGTGGGCTTAGGGATCCTTCGTGTCTCCTGGTGAGGAGCAATTAGTACA	377
QY	309	CCTACCAGTACATCTGGATTGGATCCCATGATGCCCTCACATGCTGACATACCCCAACGGAA	368
Db	378	GCTACTCATACATCTGATTGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG	437
QY	369	GTGATGGAAGTGGAGCAGTTCCAATGCTGTGACCTTCTATACTGGGAGGAGAACCCCT	428
Db	438	ATGGATGGGATGGAGTAGCACTGATGTATGAATTACTTTGCACTGGGAGAAAATCCCT	497
QY	429	CTATPTGCTGACCGTGGTTATTGTGCAGTTTGTGTCTCAGAAATCAGGTTTTTCAGAGT	488
Db	498	CCACCATCTAAACCTTGGCCACTGTGGAGCCTGTCAAGNAGCACAGGATTTCTGAAGT	557
QY	489	GGAGAGATTTTAATGTGAAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTAGGGCA	548
Db	558	GGAAAGATTAACTGTGATGCAAAAGTTACCCTATGCTGCAAGTTCAAGGACTTAGGGCA	617
QY	549	GTTCTAATTTCAACAGCTTGAAAAATATTATGAAGCTCACATGGACAAGGACGAAGTATG	608
Db	618	GGTGGGAAGTCAGACGCTCAGCTTTGGCGTGCACCTCATCATGACATGACACAGTGTG	677
QY	609	AGGATTCACCTCAGGAAGCAAGCTCTGCCTPACACACCCACACC	652
Db	678	AAGACTCACCCCTGGAAGAGAAATATCTCCCAAACTGCCCTAAC	721

RESULT 12

US-10-175-752-423 ; Sequence 423, Application US/10175752
; Publication No. US2003002295A1
; GENERAL INFORMATION:
; APPLICANT: Baker Kevin P.

```

; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
; DS-10-175-752-423

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[illegible]

RESULT 13

US-10-176-482-423
; Sequence 423, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C70
; CURRENT APPLICATION NUMBER: US/10/176.482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-482-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;
Qy 9 CAGGTACCATGATGCTTCCCATGACCCCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCATGACCCCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 137
Qy 69 TGATGCTTCTTTCCTGGGTGAAGTGAAGATCTCAAAAGAAATGCTCTTTCACGTA 128
Db 138 TCATTTCTCTGTGTCAGGTTCAGGTGAAGAACCCAGAGAACTGCCCCCTCCACGGA 197
Qy 129 TAACCTGCTCAAGGCTCTGTAGGCTATGGGTCTTATGCTATTTCACTGATTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTTCAAGGCTATGGCTCCCCCTGCTATGCTTGTGTTGTCAC 257
Qy 189 CACAGACCTGGTCTAATGCAGAACTATCCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 248
Db 318 CTGTGCTCAGTGGGCTCAGGGATCCTTCGTCCTCCCTGGTGAAGAGCATTAGTAACA 377
Qy 309 CCTACAGTACATCTGGATTTGGATTCGACTTCCATGATCCCTCACATGGTACACTACCCACGAA 368
Db 438 ATGGATGGAGTGGAGTAGCACTGATGATGAATTAATTTGTCATGGGAGAAAATCCCT 497
Qy 429 CTATTGCTGCTGACCGTGGTATTTGTCAGAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
Db 558 GGAAGAGATTATAACTGTGATGCAAGGTTACCCCTATGCTGCAAGTTCAGGACTAGGCA 617
Qy 549 GTTCTTAATTTCAACAGCTTGAATATTATGAAGCTACATGTCACAGCAAGCAAGTATG 608
Db 618 GTGGAGAGTACGACGCTCAGCTTGGCGTGCAGCTCATCATGGACATGAGACCACTGTG 677
Qy 609 AGGATTCACTCAGGAAGAGCAAGCTCTGCCTACACACCCACACC 652

Db 678 AAGACTCACCTCGAAGAGAATATTCTCCCAAACTGCCCTACC 721
RESULT 14
US-10-176-757-423
; Sequence 423, Application US/10176757
; Publication No. US20030022297A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C86
; CURRENT APPLICATION NUMBER: US/10/176.757
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-757-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;
Qy 9 CAGGTACCATGATGCTTCCCATGACCCCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCATGACCCCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 137
Qy 69 TGATGCTTCTTTCCTGGGTGAAGTGAAGATCTCAAAAGAAATGCTCTTTCACGTA 128
Db 138 TCATTTCTCTGTGTCAGGTTCAGGTGAAGAACCCAGAGAACTGCCCCCTCCACGGA 197
Qy 129 TAACCTGCTCAAGGCTCTGTAGGCTATGGTCTTATGCTATTTCACTGATTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTTCAAGGCTATGGCTCCCCCTGCTATGCTTGTGTTGTCAC 257
Qy 189 CACAGACCTGGTCTAATGCAGAACTATCCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCCTGGATGATGCAGATCTGGCTTGCAGAGAGCGCCCTCTGGAACAACTGGTGT 317
Qy 249 TTTCTCAGTACTGGTGAATTAACCTTCGTCCTGCTGCTTGTGAAGAACAGTTTGACGG 308
Db 318 CTGTGCTCAGTGGGCTCAGGGATCCTTCGTCCTCCCTGGTGAAGAGCATTAGTAACA 377
Qy 309 CCTACAGTACATCTGGATTTGGATTCGACTTCCATGATCCCTCACATGGTACACTACCCACGAA 368
Db 378 GCTACTCATACATCTGGATTTGGGCTTCCATGATCCCAACAGGGCTCTGAGGCTGATGGAG 437
Qy 369 GTGGATGGAAGTGGAGCAGTTTCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCT 428
Db 438 ATGGATGGAGTGGAGTAGCACTGATGATGAATTAATTTGTCATGGGAGAAAATCCCT 497
Qy 429 CTATTGCTGCTGACCGTGGTATTTGTCAGAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
Db 498 CCACCATCTTAACCTTGAAGCTTGGAGCTGTGGAGCCTGTCAAGAGACACAGGATTTCTGAAGT 557
Qy 489 GGAGAGATTTTAATTTGCAAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTTAGGCA 548
Db 558 GGAAGAGATTATAACTGTGATGCAAGGTTACCCCTATGCTGCAAGTTCAGGACTAGGCA 617

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 22:51:46 ; Search time 70 Seconds
(without alignments)
3272.679 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

Sequence: 1 CTGCAAGACAGGTACCATGA.....AAAATAAATGTCATCAAC 747

Scoring table: IDENTITY_NUC

Gapex 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA.*

- 1: /cgn2.6/ptodata/2/ina/5A_COMB.seq.*
- 2: /cgn2.6/ptodata/2/ina/5B_COMB.seq.*
- 3: /cgn2.6/ptodata/2/ina/6A_COMB.seq.*
- 4: /cgn2.6/ptodata/2/ina/6B_COMB.seq.*
- 5: /cgn2.6/ptodata/2/ina/PCTUS_COMB.seq.*
- 6: /cgn2.6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	747	100.0	747	2	US-08-709-662-1
2	599.8	80.3	747	2	US-08-401-530A-1
3	586	78.4	586	4	US-09-146-969-3
4	536	71.8	558	1	US-08-909-725-4
5	304.8	40.8	762	2	US-08-822-261-2
6	296.6	39.7	797	2	US-08-464-637-1
7	296.6	39.7	797	2	US-08-822-261-5
8	287.2	38.4	798	1	US-07-778-156-12
9	287.2	38.4	798	2	US-08-822-261-6
10	287.2	38.4	798	2	US-08-422-166-12
11	287.2	38.4	798	4	US-09-146-969-2
12	279	37.3	793	1	US-07-778-156-1
13	279	37.3	793	2	US-08-422-166-1
14	255.6	34.2	522	1	US-07-778-156-4
15	255.6	34.2	522	2	US-08-422-166-4
16	212.4	28.4	602	4	US-09-385-982-257
17	209.2	28.0	474	1	US-07-778-156-8
18	209.2	28.0	474	2	US-08-422-166-8
19	143.8	19.3	777	4	US-09-146-969-1
20	120.4	16.1	610	4	US-09-385-982-229
21	102.2	13.7	590	2	US-08-454-557C-32
22	102.2	13.7	590	2	US-08-340-426D-32
23	102.2	13.7	590	2	US-08-450-673C-32
24	102.2	13.7	590	5	PCT-US95-17111A-32
25	102	13.7	378	2	US-08-454-557C-16
26	102	13.7	378	2	US-08-340-426D-16
27	102	13.7	378	2	US-08-450-673C-16

28	102	13.7	378	5	PCT-US95-17111A-16	Sequence 16, Appl
29	94	12.6	94	1	US-08-909-725-1	Sequence 1, Appli
30	92	12.3	622	4	US-09-385-982-224	Sequence 224, App
31	86.4	11.6	659	4	US-09-385-982-319	Sequence 319, App
32	73.4	9.8	306	1	US-07-778-156-9	Sequence 9, Appli
33	73.4	9.8	306	2	US-08-422-166-9	Sequence 9, Appli
34	52.4	7.0	3411	4	US-09-146-969-4	Sequence 4, Appli
35	46.6	6.2	140	1	US-08-518-878B-8	Sequence 8, Appli
36	46.6	6.2	140	1	US-08-294-522B-8	Sequence 8, Appli
37	46.6	6.2	140	2	US-08-807-861A-8	Sequence 8, Appli
38	46.6	6.2	140	2	US-08-470-868A-8	Sequence 8, Appli
39	46.6	6.2	140	3	US-09-210-681-8	Sequence 8, Appli
40	46.6	6.2	140	3	US-08-946-719A-8	Sequence 8, Appli
41	45	6.0	140	1	US-08-518-878B-7	Sequence 7, Appli
42	45	6.0	140	1	US-08-294-522B-7	Sequence 7, Appli
43	45	6.0	140	2	US-08-807-861A-7	Sequence 7, Appli
44	45	6.0	140	2	US-08-470-868A-7	Sequence 7, Appli
45	45	6.0	140	3	US-09-210-681-7	Sequence 7, Appli

ALIGNMENTS

RESULT 1
US-08-709-662-1
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

Handwritten: **App: complete**

US-08-709-662-1

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Query Match      100.0%; Score 747; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.4e-236;
Matches 747; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGTACCAGTCTCCCATGACCTCTCTAGGATGCTCTGGATGCTGCT 60
DB 1 CTGCAAGACAGTACCAGTCTCCCATGACCTCTCTAGGATGCTCTGGATGCTGCT 60
QY 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
DB 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
QY 121 TTCACGTATAAAGTCTGCCCAAGGCTCTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
DB 121 TTCACGTATAAAGTCTGCCCAAGGCTCTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
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DB 181 TTTGATACACAGACCTGGTCTTAATGCAAGACTATCTGCCAGATGCATTTCTCAGGACA 240
QY 241 CTGCGCATTTCTTCAGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 CTGCGCATTTCTTCAGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
QY 301 TTTGACGGCCTACCACTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
DB 301 TTTGACGGCCTACCACTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
QY 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTTCCAATGTGCTGCTGCTGCTGCTGCTGCTGCT 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTTCCAATGTGCTGCTGCTGCTGCTGCTGCTGCT 420
QY 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
DB 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
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RESULT 2

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US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Fittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
```

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; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401.530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1
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Query Match      80.3%; Score 599.8; DB 2; Length 747;
Best Local Similarity 87.7%; Pred. No. 1.5e-187;
Matches 655; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGTACCAGTCTCCCATGACCTCTCTAGGATGCTCTGGATGCTGCT 60
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QY 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
DB 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
QY 121 TTCACGTATAAAGTCTGCCCAAGGCTCTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
DB 121 TTCACGTATAAAGTCTGCCCAAGGCTCTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
QY 181 TTTGATACACAGACCTGGTCTTAATGCAAGACTATCTGCCAGATGCATTTCTCAGGACA 240
DB 181 TTTGATACACAGACCTGGTCTTAATGCAAGACTATCTGCCAGATGCATTTCTCAGGACA 240
QY 241 CTGCGCATTTCTTCAGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 CTGCGCATTTCTTCAGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
QY 301 TTTGACGGCCTACCACTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
DB 301 TTTGACGGCCTACCACTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
QY 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTTCCAATGTGCTGCTGCTGCTGCTGCTGCTGCT 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTTCCAATGTGCTGCTGCTGCTGCTGCTGCTGCT 420
QY 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
DB 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
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QY 481 TCAGAAGTGGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGGT 540
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QY 541 CTAAGGAGTCTTAATTTCAACAGCTTGAAATATATTAAGAGCTCACATGGACAAAGAG 600
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Db 541 CTAAGGAGTCTTAATTTCAACAGAGAGCAAGCTCTGGCTACACACCCACCAATTCCTCC 600
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QY 601 CAAGTATGAGGATTCACCTCAGGAAGCAAGCTCTGCCTACACACCCACCAATTCCTCT 660
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Db 601 TTAATATATCTCTGCTGTTTCTTGAATATTAATGAAGCTCACATGGACAAAGAGC 660
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QY 661 TATATCATCTCTGCTGTTTTTTTTCAGTATATTTCTGGTGGCTGTAACTTAAAGGCTC 720
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Db 661 AAGTATGAGGATTCACCTCAGGATATCAGTATATTTCTGGTGGCTGTAACTTAAAGGCTC 720
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QY 721 AGAGAACAAAATAAAATGTCTATCAAC 747
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Db 721 AGAGAACAAAATAAAATGTCTATCAAC 747
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RESULT 3

US-09-146-969-3

; Sequence 3, Application US/09146969

; Patent No. 6228585

; GENERAL INFORMATION:

; APPLICANT: Dieckgraefe, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury

; FILE REFERENCE: 04255.75314

; CURRENT APPLICATION NUMBER: US/09/146.969

; CURRENT FILING DATE: 1998-09-04

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 586

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-146-969-3

Query Match 78.4%; Score 586; DB 4; Length 586;
Best Local Similarity 100.0%; Pred. No. 4.6e-183;
Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 TTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCGCTGATGTTCCCTTTCTT 83
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Db 1 TTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCGCTGATGTTCCCTTTCTT 60
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QY 84 GGGTGGAAAGTGAAGAATCTCAAAAGAACTGCCCTTCTCAGGTATAACCTGTCCCTCAAG 143
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Db 61 GGGTGGAAAGTGAAGAATCTCAAAAGAACTGCCCTTCTCAGGTATAACCTGTCCCTCAAG 120
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QY 144 GCTCTGTAGCTATGGTCCCTATTCCTATTCTACTGATTTTGATACCAGAGCTGGTCTA 203
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Db 121 GCTCTGTAGCTATGGTCCCTATTCCTATTCTACTGATTTTGATACCAGAGCTGGTCTA 180
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QY 204 ATGCAGAACTATCCCTGCAGATGATTTCTCAGGACACTGSCATTTCTTCAGTACTG 263
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Db 181 ATGCAGAACTATCCCTGCAGATGATTTCTCAGGACACTGSCATTTCTTCAGTACTG 240
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QY 264 GTGAAATACCTTCGTGCTCCCTCTGTGAAGAACAGATTTGACGGCCCTACCAGTACATCT 323
|||||
Db 241 GTGAAATACCTTCGTGCTCCCTCTGTGAAGAACAGATTTGACGGCCCTACCAGTACATCT 300
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QY 324 GGATTTGGACTCCATGATCCCTCAGATGATGATACACTACCAACGGAAGTGGATGGAAGTGA 383
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Db 301 GGATTTGGACTCCATGATCCCTCAGATGATGATACACTACCAACGGAAGTGGATGGAAGTGA 360
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QY 384 GCAGTTTCCAATGTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTTCGTGCTGACC 443
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Db 361 GCAGTTTCCAATGTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTTCGTGCTGACC 420
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QY 444 GTGGTTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAT 503
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Db 421 GTGGTTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAT 480
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QY 504 GTGAAATAGAGCTTCCCTATATCTGCAAAATTCAGAGTCTAGGCGAGTCTTAATTTCAACA 563
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Db 481 GTGAAATAGAGCTTCCCTATATCTGCAAAATTCAGAGTCTAGGCGAGTCTTAATTTCAACA 540
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QY 564 GCTTCAAAATATTAATGAAGCTCACATGGACAAAGCAAGTATGA 609
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Db 541 GCTTCAAAATATTAATGAAGCTCACATGGACAAAGCAAGTATGA 586
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RESULT 4

US-08-909-725-4

; Sequence 4, Application US/08909725

; Patent No. 5804421

; GENERAL INFORMATION:

; APPLICANT: Vinik, Aaron

; APPLICANT: Pittenger, Gary

; APPLICANT: Rafaeloff-Phail, Ronit

; APPLICANT: Barlow, Scott

; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF

; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: 1001 G Street, N.W.

; CITY: Washington

; STATE: DC

; COUNTRY: USA

; ZIP: 20001

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/909,725

; FILING DATE: 12-AUG-1997

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/741,096

; FILING DATE: 30-OCT-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Kagan, Sarah A

; REGISTRATION NUMBER: 32,145

; REFERENCE/DOCKET NUMBER: 0570.05173

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-508-9100

; TELEFAX: 202-508-9299

; TELEX: 97430 BMB UT

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 558 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

US-08-909-725-4

Query Match 71.8%; Score 536; DB 1; Length 558;
Best Local Similarity 99.1%; Pred. No. 1.3e-166;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 86 GTGGAAGTGAAGATCTCAAAAGAACTGCTTTTCCACGTATAACCTGTCCCTCAAGGC 145
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Db 3 GCGGATCCCGAAGATCTCAAAAGAACTGCTTTTCCACGTATAACCTGTCCCTCAAGGC 62
|||||
QY 146 TCTGTAGCCTATGGTCTCTATTTGCTATTCTAGTATTTGTATACACAGACCTGGTCTAAT 205
|||||
Db 63 TCTGTAGCCTATGGTCTCTATTTGCTATTCTAGTATTTGTATACACAGACCTGGTCTAAT 122
|||||
QY 206 GCAGAACTATCCTGCCAGATGATTTCTCAGACACCTGGCATTTTCTTCAGTACTGTT 265
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Db 123 GCAGAACTATCTGCCAGATGCAATTTCTCAGGACACCTGGCATTCTCTCAGTACTGGT 182
QY 266 GAAATACCTTCGTGCTCCCTTGTGAGACACAGTTTGACGGCTTACCAGTACATCTGG 325
Db 183 GAAATACCTTCGTGCTCCCTTGTGAGACACAGTTTGACGGCTTACCAGTACATCTGG 242
QY 326 ATTGGACTCCATGATCCCTCACATGGTACACATACCAAGGAGTGGATGGAGGAGC 385
Db 243 ATTGGACTCCATGATCCCTCACATGGTACACATACCAAGGAGTGGATGGAGGAGC 302
QY 386 AGTTCCAATGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 445
Db 303 AGTTCCAATGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
QY 446 GGTATTGTCAGTATTTGCTCAGAAATCAGTTTTCAGAAATGAGAGATTTTAAATGT 505
Db 363 GGTATTGTCAGTATTTGCTCAGAAATCAGTTTTCAGAAATGAGAGATTTTAAATGT 422
QY 506 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTAGGGCAGTTCTAAATTTCAACAGC 565
Db 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTAGGGCAGTTCTAAATTTCAACAGC 482
QY 566 TTGAAATATTATGAGCTCACATGCAAGGAAGCAAGTATGAGGATTCACCTCAGGAG 625
Db 483 TTGAAATATTATGAGCTCACATGCAAGGAAGCAAGTATGAGGATTCACCTCAGGAG 542
QY 626 AGCA 629
Db 543 AGCA 546

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RESULT 5

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US-08-822-261-2
; Sequence 2, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
US-08-822-261-2

Query Match          40.8%; Score 304.8; DB 2; Length 762;
Best Local Similarity 67.1%; Pred. No. 1.8e-90;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGAGATGCTTTGGATGCTGCTTCTCTCC 68
Db 106 CAGACACTTATGCTGCTCCCATGCCCTGCCAGGTGCTCTGGATGCTGCTTCTCTCCGCC 165
QY 69 TCATGTTCTTCTTGGGTGGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTCAACGTA 128
Db 166 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAAACCCAGGAAGAACTGCCCTCTCCACGGA 225
QY 129 TAACCTGTCTCAAGGCTCTGTAGCTTATGGTCTCTATTGCTATTCTACTGATTTTGATAC 188
Db 236 TCAGCTGTCCCAAGGCTCCAAAGGCTTATGCTCCCCCTGCTATGCTCTGTTTGTCTAC 285
QY 189 CACAGACCTGGTCTTAATCCAGAACTATCTCCGAGATGCAATTTCTCAGGACACCTGGAT 248
Db 286 CAAATCTCTGGATGGATGCAATCTGGCTTGCAGAAAGCGCCCTCTGGAAGAACTGGTGT 345
QY 249 TTCTTCTCAGTACTGGTGAATTTACCTTCTGCTGCTCTCTCTGCTGCTGCTGCTGCTGCTG 308
Db 346 CTGTGCTCAGTGGGCTGAGGGATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 405
QY 309 CCTACAGTACATCTGGATTTGGATTCATGATCCCTCTACATGCTACATGCTACACCAACGGAA 368
Db 406 GCTACTCATACATCTGGATTTGGGCTCCATGATGATGATGATGATGATGATGATGATGATGATG 465
QY 369 GTGATGGAAGTGGAGCAGTTCCAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 428
Db 466 ATGGATGGGAGTGGAGTAGCAGTCTGATGATGATGATGATGATGATGATGATGATGATGATG 525
QY 429 CTATTGCTGCTGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 488
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QY 489 GGAGAGATTTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTTCAAGGCTTAGGGCA 548
Db 586 GGAAGATTTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 645
QY 549 GTTCTTAATTTCAACAGCTTGAATATATTAAGTCTACATGCTGACAGGAAAGCAAGTATG 608
Db 646 GGTGGAGTCAAGCAGCTCAGCTTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 705
QY 609 AGGATTCACCTCAGGAAGCAAGCTCTGCTACACACCCACACC 652
Db 706 AAGACTCACCTGGAAGAGAATATTTCTCCCAAACTGCCCTTACC 749

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RESULT 6

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US-08-464-637-1
; Sequence 1, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia

```

COUNTRY: USA
 ZIP: 22040-3487
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/464,637
 FILING DATE: 30-AUG-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Murphy Jr., Gerald M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 2121-107P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-205-8000
 TELEFAX: 703-205-8050
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 797 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: not relevant
 TOPOLOGY: not relevant
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 43..567
 OTHER INFORMATION: /product= "human"
 OTHER INFORMATION: pancreatitis-associated protein"
 OTHER INFORMATION: /note= "see, Fig. 3"
 US-08-464-637-1

Query Match 39.7%; Score 296.6; DB 2; Length 797;
 Best Local Similarity 65.8%; Pred. No. 9,4e-88;
 Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCTCTGTAGAGTCTTTGGATGCTGCTTCTGCTGCC 68
 DB 35 CAGACACTATGCTGCTCCCATGAGGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCC 94
 QY 69 TGATGTTCTTTCTGGTGGAGGTGAAGATCTCAAAAGAACTGCTTCTTACGTA 128
 DB 95 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCTGCTGACGGA 154
 QY 129 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTTATTCACATGATTTTGATAC 188
 DB 155 TCCGCTGTCCCAAGGCTCAAGGCTATGCTGCCATGCTGCTGCTGCTGCTGCTGCTAC 214
 QY 189 CACAGACCTGGTCTTAATGACAGAACTATCCTGCAGATGATTTCTCAGGACACCTGGCAT 248
 DB 215 CAAATCTCTGGACAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 274
 QY 249 TTCTTCTCAGTACTGGTGAATACCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 308
 DB 275 CTGTGCTCAGTGGGCTGAGGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 334
 QY 309 CCTACAGTACATCTGGATTTGGATCCATGATCCCTCACATGATGATGATGATGATGATGATGAT 368
 DB 335 GCTACTACTACGCTGGATTTGGCTCCATGATGATGATGATGATGATGATGATGATGATGATGAT 394
 QY 369 GTGGATGGAAGTGGAGCAGTTCCTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 428
 DB 395 AAGGTTGGAGTGGAGTAGCAGTATGATGAATTAATTTCTGATGGGAGAGAAATCCCT 454
 QY 429 CTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
 DB 455 CCACCATCTCAAGCCCGGCGCACTGTGCGAGCTGTGCGAGAGACACAGCAITTTCTGAGGT 514

QY 489 GGAGAGATTTAATTTGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTAGGGCA 548
 DB 515 GGAAGATTTAATTTGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTAGGGCA 574
 QY 549 GTTCTAATTTTCAACAGCTTGAATATTTATGAGCTCAGATGACACAGGAAAGCAAGTATG 608
 DB 575 GGAGGGAAGTACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 634
 QY 609 AGGATTTCACTCAGGAGAGCAAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 663
 DB 635 AGGATTTCACTCAGGAGAGCAAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 689

RESULT 7
 US-08-822-261-5
 Sequence 5, Application US/08822261
 Patent No. 5935813
 GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Goli, Surya K.
 TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
 TITLE OF INVENTION: PROTEIN
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/822,261
 FILING DATE: Filed Herewith
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PP-0251 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 797 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GenBank
 CLONE: 262368
 US-08-822-261-5

Query Match 39.7%; Score 296.6; DB 2; Length 797;
 Best Local Similarity 65.8%; Pred. No. 9,4e-88;
 Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTTGGATGCTGCTTCTGCTGCC 68
 DB 35 CAGACACTATGCTGCTCCCATGAGGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCC 94
 QY 69 TGATGTTCTTTCTGGTGGAGGTGAAGATCTCAAAAGAACTGCTTCTTACGTA 128
 DB 95 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCTGCTGACGGA 154
 QY 129 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTTATTCACATGATTTTGATAC 188

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; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cdna
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12

Query Match      38.4%; Score 287.2; DB 1; Length 798;
Best Local Similarity 65.9%; Pred. No. 1.2e-84;
Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

QY 155 TCGCTGTCCCAAGGCTCCAAAGGCTATGGTCCCACTGCTATGCTTTTGTCTAC 214
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 189 CACAGACCTGGTCTAATGACAGAACTATCTCCAGATGATCTTCAGACACACCTGGCAT 248
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 215 CAAATCCCTGGACAGATGAGATCTGGCTGCGCAAGAGGGCCCTCTGGAACCTGGTGT 274
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 249 TTCTTCTCAGTACTGGTGAATACCTTCGCTGCTCCCTTGTGAAGAAGCTTTGACGG 308
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 275 CTGCTCAGTGGGCTGAGGATCCTTCGCTGCTCCCTGCTGAAGACATTTGTAACA 334
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QY 309 CTTACAGTACATCTGATGATGGACCTCATGATCCCTCATCATGATGATCCCAACGGAA 368
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Db 335 GCTACTCATACCTGATGATGGCTCCATGACCCACACAGGCGCACCGAGCCCAATGGAG 394
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 369 GTGGATGAAGTGGACAGCTTCCATGCTGCTCCCTTGTGAAGAAGCTTTGACGG 428
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 395 AGGTTGGAGTGGAGTAGCATGATGATGAATACCTTTGATGGGAGAAATCCCT 454
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QY 429 CTATTGCTGCTGACCGTGTATTTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGT 488
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 455 CCACCATCTCAAGCCCGCCCACTGTCGAGCTGTGCGAGAGCAGCATTTCTGAGGT 514
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 489 GGAGAGATTTTATGTTGAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTAGGGCA 548
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 515 GGAAGATTTAATCTAATGAGGTTACCTCTATGCTGCAAGTTCACTGACTAGTGA 574
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 549 GTTCTAATTTCAACAGCTTGAATATTTAATGAGCTCATGACATGACAGAAACAAGTATG 608
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 575 GGAGGAGTACAGCAGCTGTTGTTGGTGTCAATCATGATGAGGAGTGTG 634
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 609 AGGATTCACCTCAGGAGAGCAAGCTGTGCTACACACCCACCAATTCCTTAT 663
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 635 AGGACTACCCCTGGAGAGAAATTCGCTTAATTCCTCCCACTGACCACTCAT 689
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RESULT 8

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US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR

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RESULT 9

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US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.

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; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cdna
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12

Query Match      38.4%; Score 287.2; DB 1; Length 798;
Best Local Similarity 65.9%; Pred. No. 1.2e-84;
Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

QY 9 CAGGTACCATGATGCTTCCATGACCCCTCTGTAGAGTGTCTTGGATGCTGCTTCTCTGCC 68
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QY 69 TGATGCTTCTTCTTGGGTGAAGCTGAAGATCTCAAAAGAACTGCTTCTTCTCACGTA 128
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Db 155 TCCGCTGTCCCAAGGCTCCAAAGGCTATGGCTCCCACTGCTATGCTTGTGTTGTCAC 214
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QY 189 CACAGACCTGGTCTAATGACAGAACTATCTGCCAGATGATTTCTCAGACACACCTGGCAT 248
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Db 215 CAAATCCCTGGACAGATGAGATCTGGCTGCGCAAGAGGGCCCTCTGGAACCTGGTGT 274
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QY 249 TTCTTCTCAGTACTGGTGAATACCTTCGCTGCTCCCTTGTGAAGAAGCTTTGACGG 308
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QY 309 CCTACCAGTACATCTGGATTTGGACTTCCATGATCCCTCATGCTACACTACCCCAACGGAA 368
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Db 335 GCTACTCATACCTGCTGATTTGGCTCCATGACCCACACAGGCGCACCGAGCCCAATGGAG 394
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QY 369 GTGGATGAAGTGGAGCAGTTCCTCAATGCTGCTGACCTTCTATTAACCTGGGAGAGAACCTCT 428
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Db 395 AAGGTTGGAGTGGAGTAGCATGATGCTGATGAATTAATTTGCTGATGGGAGAGAAATCCCT 454
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QY 429 CTATTGCTGCTGACCGTGTATTTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGT 488
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Db 455 CCACCATCTCAAGCCCGCCCACTGTCGAGCTGTGCGAGAGCAGCATTTCTGAGGT 514
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QY 489 GGAGAGATTTTATGTTGAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTAGGGCA 547
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QY 548 AGTTCCTAATTTCAACAGCTTGAATATTTAATGAGCTCATGAGCAAGAGGAAGATAT 607
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Db 575 AGGAGGAGAGTCAAGAGCTGTGTTGGTGTGCAACTCATATGGGCTATGAGACAGTGT 634
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QY 608 GAGGATTCACCTCAGGAGAGCAAGCTCTGCTTACACACCCACCAATTTCCCTTAT 663
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Db 635 GAGGACTCACCTGGAAGAGAAATATTCGCTTAATTCCTCCCACTGACCACTCAT 690
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STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE: Filed Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 798 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 189600
US-08-822-261-6

Query Match	38.4%	Score 287.2	DB 2	Length 798
Best Local Similarity	65.9%	Pred. No. 1.2e-84		
Matches 432	Conservative 0	Mismatches 223	Indels 1	Gaps 1
Qy	9	CAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTCTGGATGCTGCTTCTCCGTC	68	
Db	35	CAGACATATGCTGCCCTCCCATGCCCCTGCCAGTGTATCTTGGATGCTGCTTCTCCGTC	94	
Qy	69	TGATGTTCCCTTCTTGGTGGAGGTGAAGAACTCTCAAAGAAACTGCTCTTCTTCACGTA	128	
Db	95	TCATGCTGCTCTCAGGTTCAAGGTGAGAAACCCAGAGGAACTGCCCTCTGCACGGA	154	
Qy	129	TAACTCTGCTCAAGGCTCTGTAGCCCTATGGGTCTCTATTGCTATTCACTGATTTTGATAC	188	
Db	155	TCGCTGTCCCAAGGCTCCAAGGCCATATGCTCCCACTGCTATGCCTTGTTTGTCTAC	214	
Qy	189	CACAGACTGGTCTAATGTCAGAACTATCTGCCAGATGCATTTCTCAGGACACCTTGGCAT	248	
Db	215	CAAAATCCTGCAGAGATGCAGATCTGGCCTGCCAAGAGCGGCCCTCTGGAACCTGGTGT	274	
Qy	249	TTCTTCTCAGTACTGGTGAATTAACCTTCGTGTCTCCCTTGTCTGAAGACAGTTTGACGG	308	
Db	275	CTGTGCTCAGTGGGGCTGAGGGATCCCTTCGTGTCTCCCTGCTGAAGACGATTTGTTACA	334	
Qy	309	CCTACCAGTACATCTGATGTCATGTCATGATCCCTCACATGGTACACTACCCCAACGAA	368	
Db	335	GCTACTCATAGCTGTGATTTGGCTTCCATGACCCACACAGGGCACCGGCCCAATGGAG	394	
Qy	369	GTGGATGGAATGGAGCAGTTTCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCT	428	
Db	395	AAGCTTGGGAGTGAGTAGCATGATGTATGTAATTACTTTGCATGGGAGAGAATCCCT	454	
Qy	429	CTATTGCTGTGACCGTGGTTATTGTGCAGPTTTTGTCTCAGAAATCAGTTTTCAGAGT	488	
Db	455	CCACCATCTCAAGCCCGGCCACTTGCAGCCCTGTCGAGAAGCAGCATTTCTTGAGGT	514	
Qy	489	GGAGAGATTTTAATTGTAANAATGAGCTTCCTTATATCTGCAAA-TTCAAGGCTTAGGGC	547	

Db 515 GGAAGATTATACTGTAATGTGAGGTACCCCTATGTCTGCAAGTTCTACTGACTAGTGC 574

Qy 548 AGTTCTAAATTTCACAGCTTGAAAAATATTATGAAGCTCACATGGCAAGGAAGCAAGTAT 607

Db 575 AGGAGGAAGTCAGGACGCTGTGTTGGTGTGCAACTCATCATGGGCATGAGACCACTCT 634

Qy 608 GAGATTCACCTCAGGAGCAGCAAGCTCTGCTTACACACCCGACACCAATTCCTTAT 663

Db 635 GAGGACTCACCTTGAAGAGAATATTTCGCTTAATTCCTCCCAACCTGACCACCTCAT 690

RESULT 10

US-08-422-166-12

: Sequence 12, Application US/08422166

: Patent No. 5959086

: GENERAL INFORMATION:

: APPLICANT: IOVANNA, JUAN-LUCIO

: APPLICANT: KEIM, VOLKER

: APPLICANT: DAGORN, JEAN-CHARLES

: TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

: TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE

: TITLE OF INVENTION: PANCREATITIS

: NUMBER OF SEQUENCES: 12

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,

: ADDRESS: P.C.

: STREET: 1755 Jefferson Davis Highway, Fourth Floor

: CITY: Arlington

: STATE: Virginia

: COUNTRY: U.S.A.

: ZIP: 22202

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: Patent In Release #1.0, Version #1.25

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/08/422,166

: FILING DATE: 14-APR-1995

: CLASSIFICATION: 435

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: US 07/778,156

: FILING DATE: 19-DEC-1991

: ATTORNEY/AGENT INFORMATION:

: NAME: Oblon, No. 5959086man F.

: REGISTRATION NUMBER: 24,618

: REFERENCE/DOCKET NUMBER: 354-012-0 PCT

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: (703)521-4500

: TELEFAX: (703)486-2347

: TELEX: 248855 OPAT UR

: INFORMATION FOR SEQ ID NO: 12:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 798 base pairs

: TYPE: nucleic acid

: STRANDEDNESS: unknown

: TOPOLOGY: unknown

: MOLECULE TYPE: cDNA

: ORIGINAL SOURCE:

: ORGANISM: Homo sapiens

: TISSUE TYPE: pancreas

US-08-422-166-12

[illegible]

Db 95 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGGAACCTGCGCTCTGCACGGA 154
 QY 129 TAACCTGTCTCAAGGCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTTGATAC 188
 Db 155 TCCGCTGTCCCAAGGCTCTCAAGGCTATGGCTCCCACTGCTATGCTTTTGTGTAC 214
 QY 189 CACAGACCTGGTCTAATGCAGAACTATCTCGCCAGATGCTTTCTCAGGACACCTGGGAT 248
 Db 215 CAAATCTGGACAGATGACAGATCTGGCTGCCAAGAGGCGCTCTGGAACCTGGTGT 274
 QY 249 TTCCTCTCAGTACTGGTGAATTAACCTTCGCTGCTCCCTTGTGAAGAACAGTTTGACGG 308
 Db 275 CTGCTCAGTGGGCTGAGGATCCTTCGCTGCTCCCTGCTGAGAGCATTTGTTAACA 334
 QY 309 CTACACAGTACATCTGGATTTGACCTCCATGATCCCTCAGATGGTACACTACCCACGGA 368
 Db 335 GCTACTCATACCTCTGGATTTGGCTTCCATGACCCACACAGGGCCACCGACCAATGGAG 394
 QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTTCTAATCTGAGGAGGAACCCCT 428
 Db 395 AAGGTTGGAGTGGAGTACAGTGTGATGAATTAATTTCCATGGGAGAGAAATCCCT 454
 QY 429 CTATTGCTGCTGACCGTGGTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
 Db 455 CCACCATCTCAAGCGCCCGCCACTGTGGAGCTGTGCGAGCCTGTCGAGAGACACAGCATTTCTGAGGT 514
 QY 489 GGAGAGATTTTAAATGTGAAATGAGCTTCCCTATATCTGCAAA-TTCAAGGCTTAGGGC 547
 Db 515 GAAAGATTATAACTGTAAATGTGAGGTACCCCTATGTCTGCAAGTTTCACTGACTAGTGC 574
 *QY 548 AGTTCTAATTTCAACAGCTTGAATAATATTGAAGCTCAGATGGAAGGAGCAAGTAT 607
 Db 575 AGGAGGAAGTCAGAGCCTGTGTTGGTGCACTCATCATGGGCATGAGACCAAGTGT 634
 QY 608 GAGGATTCAGTCAAGAGCAAGCTCTGCCCTACACCCACCAACCAATTCCTTTAT 663
 Db 635 GAGGACTCACCTCGAAGAGAAATATTCGTTAATTCGCCCAACCTGAGCACCTCAT 690

RESULT 11
 US-09-146-969-2
 ; Sequence 2, Application US/09146969
 ; Patent No. 6228595
 ; GENERAL INFORMATION:
 ; APPLICANT: Dieckgrafe, Brian K.
 ; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 ; FILE REFERENCE: 04255.75314
 ; CURRENT FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2
 ; LENGTH: 798
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-146-969-2

Query Match 38.4%; Score 287.2; DB 4; Length 798;
 Best Local Similarity 65.9%; Pred. No. 1.2e-84;
 Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

QY 189 CACAGACCTGCTTAATGCAGAACTATCTGCCAGATGCTATTCTCAGGACACACCTGGCAT 248
 Db 215 CAAATCTGGACAGATCGAGATCTGGCTGCCAAGAGGCGCCCTCTCGAAACCTGGTGT 274
 QY 249 TTCCTCTCAGTACTGGTGAATTAACCTTCGCTGCTCCCTTGTGAAGAACAGTTTGACGG 308
 Db 275 CTGCTCAGTGGGCTGAGGATCCTTCGCTGCTCCCTGCTGAGAGCATTTGTTAACA 334
 QY 309 CTACACAGTACATCTGGATTTGACCTCCATGATCCCTCAGATGGTACACTACCCACGGA 368
 Db 335 GCTACTCATACCTCTGGATTTGGCTTCCATGACCCACACAGGGCCACCGACCAATGGAG 394
 QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTTCTAATCTGAGGAGGAACCCCT 428
 Db 395 AAGGTTGGAGTGGAGTACAGTGTGATGAATTAATTTCCATGGGAGAGAAATCCCT 454
 QY 429 CTATTGCTGCTGACCGTGGTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
 Db 455 CCACCATCTCAAGCGCCCGCCACTGTGGAGCCTGTGCGAGCCTGTCGAGAGACACAGCATTTCTGAGGT 514
 QY 489 GGAGAGATTTTAAATGTGAAATGAGCTTCCCTATATCTGCAAA-TTCAAGGCTTAGGGC 547
 Db 515 GAAAGATTATAACTGTAAATGTGAGGTACCCCTATGTCTGCAAGTTTCACTGACTAGTGC 574
 QY 548 AGTTCTAATTTCAACAGCTTGAATAATATTGAAGCTCAGATGGAAGGAGCAAGTAT 607
 Db 575 AGGAGGAAGTCAGAGCCTGTGTTGGTGCACTCATCATGGGCATGAGACCAAGTGT 634
 QY 608 GAGGATTCAGTCAAGAGCAAGCTCTGCCCTACACCCACCAACCAATTCCTTTAT 663
 Db 635 GAGGACTCACCTCGAAGAGAAATATTCGTTAATTCGCCCAACCTGAGCACCTCAT 690

RESULT 12
 US-07-778-156-1
 ; Sequence 1, Application US/07778156
 ; Patent No. 5436169
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/778,156
 ; FILING DATE: 19911219
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5436169man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; TELEX: 248855 OPAT OR
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 793 base pairs

TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA to mRNA
ORIGINAL SOURCE:
ORGANISM: rat
TISSUE TYPE: pancreas
FEATURE:
NAME/KEY: CDS
LOCATION: 62..613
US-07-778-156-1

Query Match 37.3%; Score 279; DB 1; Length 793;
Best Local Similarity 65.6%; Pred. No. 5.8e-82;
Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

QY 5 AAGACAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCTTCC 64
DB 50 ATGAGAGTTAATATGTTGTCATCGCTTGGCTTCCAGTCATGCTGTGGATGCTGCTTCC 109
QY 65 TGCCTGATGTTCTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCA 124
DB 110 TGCCTGATGCTCTTATCACAGTGAAGGAGAAGACTCTCCGAGAAATACCTCTGCA 169
QY 125 CGTATAACCTGTCCCAAGGCTCTGTAGCCTATGGTCTTATGCTATTCACTGATTTTG 184
DB 170 CGCATTTAGTGGCCCAAGGCTCCAGGAGCATATGGCTCTACTGCTATGCCCTGTTTCA 229
QY 185 ATACCACAGACCTGTCTAATCAGAACTATCTGCCAGATCATTTCTCAGGACACCTG 244
DB 230 ATACCACAGACCTGTGATCAGAACTTACCTTCGCTGCTTCCCTTGTGAAGAACAGTTG 289
QY 245 GCATTTCTTCTCAGTACTGTTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 304
DB 290 GTATCTGTCTCAATGATGCTGAGCTTCAATTTCTGAGCACTGCTGAGCACTGGA 349
QY 305 ACGGCTACCACTACATCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 364
DB 350 AACAGCTACCAATATACCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 409
QY 365 GGAAGTGGATGAAGTGGAGGAGGATGATGATGATGATGATGATGATGATGATGATGAT 424
DB 410 GGAGTGGATGAAGTGGAGGAGGATGATGATGATGATGATGATGATGATGATGATGATGAT 469
QY 425 CCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 484
DB 470 CCATCTACTGCTTACACCGCGGATGCTGCGCAGCTGCTGCAAGATCTCTGATTTCTA 529
QY 485 AAGTGGAGAGATTTTAATGTGAAATG-AGCTTCCCTATATCTGCAATTCGAAGTCTA 543
DB 530 AGATGGAGAGATACACATGTGAAGTTGAAGTTGAAGTTGAAGTTGAAGTTGAAGTTGA 589
QY 544 GGGCAGTTCTAATTTCAACAGCTTCAAAATATATGAGCTCACATGTCAGAGGAGCA 603
DB 590 AATTTACAGACAGCAACAGCTTTAGTTTGTCTGAGCACATCTCTGCAAGGGGCA 649
QY 604 GTATGAGGATTCACGAGAGCAAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 646
DB 650 ATATGAAGACTTGGCTAGAAAAAGTATTTCTATCTACAGTCC 692

RESULT 13
US-08-422-166-1
Sequence 1, Application US/08422166
Patent No. 5959086
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422.166
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/778,156
FILING DATE: 19-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5959086man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 793 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA to mRNA
ORIGINAL SOURCE:
ORGANISM: rat
TISSUE TYPE: pancreas
FEATURE:
NAME/KEY: CDS
LOCATION: 62..613
US-08-422-166-1

Query Match 37.3%; Score 279; DB 2; Length 793;
Best Local Similarity 65.6%; Pred. No. 5.8e-82;
Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

QY 5 AAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCTTCC 64
DB 50 ATGAGAGTTAATATGTTGTCATCGCTTGGCTTCCAGTCATGCTGTGGATGCTGCTTCC 109
QY 65 TGCCTGATGTTCTTCTTGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 124
DB 110 TGCCTGATGCTCTTATCACAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 169
QY 125 CGTATAACCTGTCTCAAGGCTCTGTAGCCTATGGTCTTATGCTATTCACTGATTTTG 184
DB 170 CGCATTTAGTGGCCCAAGGCTCCAGGAGCATATGGCTCTACTGCTATGCCCTGTTTCA 229
QY 185 ATACCACAGACCTGTCTAATGTCAGAACTATCTGCCAGATGCTATTTCTCAGGACACCTG 244
DB 230 ATACCACAGACCTGTGTTGATGTCAGAACTTACCTTCGCTGCTTCCCTTGTGAAGAACAGTTG 289
QY 245 GCATTTCTTCTCAGTACTGTTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 304
DB 290 GTATCTGTCTCAATGATGCTGAGCTTCAATTTCTGAGCACTGCTGAGCACTGGA 349
QY 305 ACGGCTACCACTACATCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 364
DB 350 AACAGCTACCAATATACCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 409
QY 365 GGAAGTGGATGAAGTGGAGGAGGATGATGATGATGATGATGATGATGATGATGATGAT 424
DB 410 GGAGTGGATGAAGTGGAGGAGGATGATGATGATGATGATGATGATGATGATGATGATGAT 469
QY 425 CCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 484
DB 470 CCATCTACTGCTTACACCGCGGATGCTGCGCAGCTGCTGCAAGATCTCTGATTTCTA 529
QY 485 AAGTGGAGAGATTTTAATGTGAAATG-AGCTTCCCTATATCTGCAATTCGAAGTCTA 543
DB 530 AGATGGAGAGATACACATGTGAAGTTGAAGTTGAAGTTGAAGTTGAAGTTGAAGTTGA 589
QY 544 GGGCAGTTCTAATTTCAACAGCTTCAAAATATATGAGCTCACATGTCAGAGGAGCA 603
DB 590 AATTTACAGACAGCAACAGCTTTAGTTTGTCTGAGCACATCTCTGCAAGGGGCA 649
QY 604 GTATGAGGATTCACGAGAGCAAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 646
DB 650 ATATGAAGACTTGGCTAGAAAAAGTATTTCTATCTACAGTCC 692

Db	410	GGAGGTGGATGGGAGTGGAGTACAAATGACATAATGAATATTGCTCACTGGGAGGAGAAC	469
QY	425	CCCTCTATTGCTGCTACGCGTGGTATTGTCGAGTTTTCCTCAGAAATCAGGTTTTTCAG	484
Db	470	CCATCTACTGCGCTTTAGACCCGCGGATCTCTGGCAGCTTGTCAAGATCTTCTCGAATTTCTTA	529
QY	485	AAGTCGAGAGATTTTAAATTTGTGNAAAATG-AGCTTCCCTATATCTCAAAATTCAGAGTCTTA	543
Db	530	AGATGGAGAGATACCCACATGTGAAGTTGAAGTTGGCCCTACGTCGCAAAATTTACAGTTTA	589
QY	544	GGCGAGTTCTTAATTTCAACACAGCTTGGAAAATATATGAAGCTCACATGGCAAGCAAGCAAA	603
Db	590	AAATACCACACAGCAACAGCTTTAGTTTGTCCCTGAAGCACATCCTGTCAAGGGGCAAA	649
QY	604	GTATGAGGATTCCTACTCAGGAAGACAGCTGTCGCCTTACACACC	646
Db	650	ATATGAGACCTTCGGTAGAAAAAGTGTATTTCTATCTTACAGTCC	692

RESULT 14
US-07-778-156-4
: Sequence 4, Application US/07778156
: Patent No. 5436169
: GENERAL INFORMATION:
: APPLICANT: IOVANNA, JUAN-LUCIO
: APPLICANT: KEIM, VOLKER
: APPLICANT: DAGORN, JEAN-CHARLES
: TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
: TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS
: TITLE OF INVENTION: PANCREATITIS
: NUMBER OF SEQUENCES: 12
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
: ADDRESSEE: P.C.
: STREET: 1755 Jefferson Davis Highway, Fourth Floor
: CITY: Arlington
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22202

1	ATGCTGCCCTCCCATGGCCCTGCCAGTGTACTTGGATGCTGCTTTCTTGCCTCATGCTG	60
77	CTTTCTTGGGTGAAGGTGAAGAATCTCAAAGAANAAGTCCCTTTCACGGTATAACCTGT	136
61	CTGTCTCAGGTTCAAGGTGAAGAAGCCCAAGAGGGAACTGCCCTCTGCACGGATCCGCTGT	120
137	CTCAAGGCTCTGTAGCCTATGGTGCTATTGCTATTTCACCTGATTTGTATACACAGAC	196
121	CCCAAGGCTCCAAGSCCTATGCTCCCACTGCTATGCCCTTGTTTGTTCACCAAAATCC	180
197	TGCTCTAAATGCAGAACTATCTGCCAGATGTCATTTCTCAGGACACCTGGCAATTTCTTCTC	256
181	TGACACAGATGCAGATCTGGCCTGCCAAGAGCGCCCTCTGGAACCTCTGTGCTGTGCTC	240
257	AGTACTGGTGAATATTACCTTCTGCTCCTCCCTTGTGAAGAACAGTTTTCAGCGCCTACCAG	316
241	AGTGGGCTCAGGGATCCTTCGTGTCTCCCTGGTGAAGAGCATTTGGTAACAGCTACTCA	300
317	TACATCTGGATTGGACTCCATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGG	376
301	TAGCTGTGAATTGGGTTCATGACCCCAACACAGGCGCCAGCCCAATGGAGAAGGTGG	360
377	AAGTGAGGACAGTTTCCAATGTGTGTGACTTCTATAACTGGGAGGAGAACCCCTCTATTGCT	436
361	GAGTGAGTAGCAGTGTATGTATGAATTACTTTGCATGGAGAGAAATCCCTCCACCATC	420
437	GCTGACCGTGGTTATTGTCCAGCTTTTGTCTCAGAAATCAGGTTTTCAGAGGTGGAGAT	496
421	TCAAGCCCCCGGCCACCTGTGGAGCCCTGTGAGAGACGACGATTTCTGAGGTGGAAAGAT	480
497	TTTAATTGTGAAATAGGCTTCCCTATATCTGCAAAAT	534
481	TATACTGTAACTGAGGTTACCTATGCTGCAAAAT	518

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Search completed: February 14, 2003, 02:29:44
Job time : 73 secs

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 14, 2003, 04:44:54 ; Search time 29 Seconds
(without alignments)
153.293 Million cell updates/sec

Title: US-09-717-095-2
Perfect score: 958
Sequence: 1 MLPMTFLCRSMWMLLSCLMFL.....QKWRDFNCENELPYICFKV 174

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*

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3: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

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9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*

10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*

11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	572	59.7	183	10	US-09-925-301-1013
2	557	58.1	175	9	US-09-978-295A-452
3	557	58.1	175	9	US-09-978-697-452
4	557	58.1	175	9	US-09-978-192A-452
5	557	58.1	175	9	US-09-999-832A-452
6	557	58.1	175	9	US-09-978-189-452
7	557	58.1	175	9	US-10-174-590-424
8	557	58.1	175	9	US-10-176-758-424
9	557	58.1	175	9	US-10-175-737-424
10	557	58.1	175	9	US-10-173-706-424
11	557	58.1	175	9	US-10-175-738-424
12	557	58.1	175	9	US-10-175-752-424
13	557	58.1	175	9	US-10-176-482-424
14	557	58.1	175	9	US-10-176-757-424
15	557	58.1	175	9	US-10-176-913-424
16	557	58.1	175	9	US-10-180-552-424
17	557	58.1	175	9	US-10-180-557-424
18	557	58.1	175	9	US-10-173-700-424
19	557	58.1	175	9	US-10-174-572-424

20	557	58.1	175	9	US-10-174-579-424	Sequence 424, App
21	557	58.1	175	9	US-10-174-582-424	Sequence 424, App
22	557	58.1	175	9	US-10-174-588-424	Sequence 424, App
23	557	58.1	175	9	US-10-175-739-424	Sequence 424, App
24	557	58.1	175	9	US-10-175-740-424	Sequence 424, App
25	557	58.1	175	9	US-10-175-743-424	Sequence 424, App
26	557	58.1	175	9	US-10-176-488-424	Sequence 424, App
27	557	58.1	175	9	US-10-176-492-424	Sequence 424, App
28	557	58.1	175	9	US-10-176-747-424	Sequence 424, App
29	557	58.1	175	9	US-10-176-750-424	Sequence 424, App
30	557	58.1	175	9	US-10-176-985-424	Sequence 424, App
31	557	58.1	175	9	US-10-176-987-424	Sequence 424, App
32	557	58.1	175	9	US-10-176-991-424	Sequence 424, App
33	557	58.1	175	9	US-10-176-992-424	Sequence 424, App
34	557	58.1	175	9	US-10-176-993-424	Sequence 424, App
35	557	58.1	175	9	US-10-184-658-424	Sequence 424, App
36	557	58.1	175	12	US-10-052-586-424	Sequence 424, App
37	408.5	42.6	174	10	US-09-925-257-753	Sequence 753, App
38	386.5	40.3	174	10	US-09-925-301-1182	Sequence 1182, App
39	250	26.1	106	10	US-09-925-301-1553	Sequence 1553, App
40	190	19.8	158	9	US-10-025-380-1070	Sequence 1070, App
41	190	19.8	158	9	US-10-025-380-1077	Sequence 1077, App
42	190	19.8	158	9	US-10-025-380-1078	Sequence 1078, App
43	190	19.8	158	9	US-10-025-380-1079	Sequence 1079, App
44	190	19.8	158	9	US-10-025-380-1080	Sequence 1080, App
45	190	19.8	158	10	US-09-922-217-1070	Sequence 1070, App

ALIGNMENTS

RESULT 1
US-09-925-301-1013
; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1013
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

Query Match	59.7%	Score	572	DB	10	Length	183
Best Local Similarity	57.6%	Pred. No.	3.6e-50				
Matches	98	Conservative	34	Mismatches	38	Indels	0
Gaps	0						
QY	3	PMTLCRSMWMLLSCLMFLSWGEESQKLPSSRITCPOGSAVGYCYSLILIPOTWSN	62				
Db	12	PMALPSVSMWMLLSCLMFLSQVQGEPEQRELPASRIRCPKGSKAYGSHCYALFLSPKSWTD	71				
QY	63	AEISCOMHFSGHIAFLLSSTGEITFYSSLVKNSITAYQYTWIGLHDPHSGTLPNGSGKWS	122				
Db	72	ADLACQKRFSGNMLSVLSVGAEGSFVSSLVKSGTGNISYVWIGLHDPHDTQGTENEGEWS	131				
QY	123	SSNVLTFYWNERNPSTAADRGYCAVLSQKSGFKQKWRDFNCENELPYICKF	172				
Db	132	SSDVNNYFAWERNPSTISSPGHCASLSRSTAFLRWKNDCNVLRLPYVCKF	181				

RESULT 2
US-09-978-295A-452
; Sequence 452, Application US/09978295A

; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.le-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

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Db 4 PMALPFSWMLLSCILILCQVQGETQKLPSPRISCPKSGAYGSCYALFLSPKSNMD 63
Qy 63 AELSCMHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWLGLHDPHSGTLPNGSGKWS 122
Db 64 ADLACQKRPSSKLVSLGAGSFVSSLSRISNSYSYIWLGLHDPQTQGSBPDGDNWS 123
Qy 123 SSNVLTFYNWRNPNISAADRGYCAVLGSKGQKWRDNCENELPYICKFK 173
Db 124 STDVNNYFAWEKNPSTILNPHGCSLSRSTGFLKWKDYNCDKLPYCKFK 174

RESULT 3
US-09-978-697-452

; Sequence 452, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR APPLICATION NUMBER: 60/078886
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; PRIOR APPLICATION NUMBER: 60/078936
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; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27

7	PRIOR FILING DATE:	1998-04-29	
7	PRIOR APPLICATION NUMBER:	60/083545	
7	PRIOR FILING DATE:	1998-04-29	
7	PRIOR APPLICATION NUMBER:	60/083554	
7	PRIOR FILING DATE:	1998-04-29	
7	PRIOR APPLICATION NUMBER:	60/083558	
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7	PRIOR APPLICATION NUMBER:	60/083559	
7	PRIOR FILING DATE:	1998-04-29	
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7	PRIOR FILING DATE:	1998-04-29	
7	PRIOR APPLICATION NUMBER:	60/083742	
7	PRIOR FILING DATE:	1998-04-30	
7	PRIOR APPLICATION NUMBER:	60/084366	
7	PRIOR FILING DATE:	1998-05-05	
7	PRIOR APPLICATION NUMBER:	60/084414	
7	PRIOR FILING DATE:	1998-05-06	
7	PRIOR APPLICATION NUMBER:	60/084441	
7	PRIOR FILING DATE:	1998-05-06	
7	PRIOR APPLICATION NUMBER:	60/084637	
7	PRIOR FILING DATE:	1998-05-07	
7	PRIOR APPLICATION NUMBER:	60/084639	
7	PRIOR FILING DATE:	1998-05-07	
7	PRIOR APPLICATION NUMBER:	60/084640	
7	PRIOR FILING DATE:	1998-05-07	
7	PRIOR APPLICATION NUMBER:	60/084598	
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7	PRIOR FILING DATE:	1998-5-07	
7	PRIOR APPLICATION NUMBER:	60/084627	
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7	PRIOR APPLICATION NUMBER:	60/084643	
7	PRIOR FILING DATE:	1998-05-07	
7	PRIOR APPLICATION NUMBER:	60/085339	
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7	PRIOR APPLICATION NUMBER:	60/085338	
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7	PRIOR APPLICATION NUMBER:	60/085323	
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7	PRIOR APPLICATION NUMBER:	60/085582	
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7	PRIOR APPLICATION NUMBER:	60/085700	
7	PRIOR FILING DATE:	1998-05-15	
7	PRIOR APPLICATION NUMBER:	60/085689	
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7	PRIOR APPLICATION NUMBER:	60/085580	
7	PRIOR FILING DATE:	1998-05-15	
7	PRIOR APPLICATION NUMBER:	60/085573	
7	PRIOR FILING DATE:	1998-05-15	
7	PRIOR APPLICATION NUMBER:	60/085704	
7	PRIOR FILING DATE:	1998-05-15	
7	PRIOR APPLICATION NUMBER:	60/085697	

BEST LOCAL SIMILARITY 33.6%; PRED. NO. 1.1E-48;
 Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

RESULT 4

US-09-978-192A-452
Sequence 452, Application US/09978192A
Patent No. US2002017553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
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; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred No. 1,1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLGRMMLLSCLMFLSWGEEESQKLPSSRITCPQGSVAYGSYCYSLILIPQTSWN 62
   ||| :|||||: ||| :|||||: ||| :|||||: ||| :|||||: ||| :|||||:
Db 4 PHALFVSMMLLSCLILLQCVOGEETQELPSRISCPKSGKAYGSPCYALFLSPKSNMD 63
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 63 AELSCQMHSGLHFLTLTGETTFVSSLVKNSLTAYQYIWLHDPHSGHTLPSGSKWS 122
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 64 ADLACOKRPSGLVSLVSAEGSFVSSLVRSISNSYSYIWLHDPHTQGSPEPDGQWMS 123
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 123 SSNVLTFYNNRNPSTADRGKCAVLSQKSGFGKWRDFNCENELPYICKFK 173
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 124 STDVMNFAWEKNPSTILNPGHCGSLRSRTGFLKWKDYNDCAKLFPYCKFK 174
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
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RESULT 5
US-09-999-832A-452
; Sequence 452, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
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PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
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PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
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PRIOR FILING DATE: 1998-04-27
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PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496

1	PRIOR FILING DATE: 1998-04-29	
2	PRIOR APPLICATION NUMBER: 60/083499	
3	PRIOR FILING DATE: 1998-04-29	
4	PRIOR APPLICATION NUMBER: 60/083545	
5	PRIOR FILING DATE: 1998-04-29	
6	PRIOR APPLICATION NUMBER: 60/083554	
7	PRIOR FILING DATE: 1998-04-29	
8	PRIOR APPLICATION NUMBER: 60/083558	
9	PRIOR FILING DATE: 1998-04-29	
10	PRIOR APPLICATION NUMBER: 60/083559	
11	PRIOR FILING DATE: 1998-04-29	
12	PRIOR APPLICATION NUMBER: 60/083500	
13	PRIOR FILING DATE: 1998-04-29	
14	PRIOR APPLICATION NUMBER: 60/083742	
15	PRIOR FILING DATE: 1998-04-30	
16	PRIOR APPLICATION NUMBER: 60/084366	
17	PRIOR FILING DATE: 1998-05-05	
18	PRIOR APPLICATION NUMBER: 60/084414	
19	PRIOR FILING DATE: 1998-05-06	
20	PRIOR APPLICATION NUMBER: 60/084441	
21	PRIOR FILING DATE: 1998-05-06	
22	PRIOR APPLICATION NUMBER: 60/084637	
23	PRIOR FILING DATE: 1998-05-07	
24	PRIOR APPLICATION NUMBER: 60/084639	
25	PRIOR FILING DATE: 1998-05-07	
26	PRIOR APPLICATION NUMBER: 60/084640	
27	PRIOR FILING DATE: 1998-05-07	
28	PRIOR APPLICATION NUMBER: 60/084598	
29	PRIOR FILING DATE: 1998-05-07	
30	PRIOR APPLICATION NUMBER: 60/084600	
31	PRIOR FILING DATE: 1998-05-07	
32	PRIOR APPLICATION NUMBER: 60/084627	
33	PRIOR FILING DATE: 1998-05-07	
34	PRIOR APPLICATION NUMBER: 60/084643	
35	PRIOR FILING DATE: 1998-05-07	
36	PRIOR APPLICATION NUMBER: 60/085339	
37	PRIOR FILING DATE: 1998-05-13	
38	PRIOR APPLICATION NUMBER: 60/085338	
39	PRIOR FILING DATE: 1998-05-13	
40	PRIOR APPLICATION NUMBER: 60/085323	
41	PRIOR FILING DATE: 1998-05-13	
42	PRIOR APPLICATION NUMBER: 60/085582	
43	PRIOR FILING DATE: 1998-05-15	
44	PRIOR APPLICATION NUMBER: 60/085700	
45	PRIOR FILING DATE: 1998-05-15	
46	PRIOR APPLICATION NUMBER: 60/085689	
47	PRIOR FILING DATE: 1998-05-15	
48	PRIOR APPLICATION NUMBER: 60/085579	
49	PRIOR FILING DATE: 1998-05-15	
50	PRIOR APPLICATION NUMBER: 60/085580	
51	PRIOR FILING DATE: 1998-05-15	
52	PRIOR APPLICATION NUMBER: 60/085573	
53	PRIOR FILING DATE: 1998-05-15	
54	PRIOR APPLICATION NUMBER: 60/085704	
55	PRIOR FILING DATE: 1998-05-15	
56	PRIOR APPLICATION NUMBER: 60/085697	

Query Match	58.1%	Score 557;	DB 9;	Length 175;
Best Local Similarity	55.6%;	Pred. No. 1.1e-48;		
Matches 95;	Conservative 37;	Mismatches 39;	Indels	

[illegible]

RESULT 6
US-09-978-189-452
; Sequence 452, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978.189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR APPLICATION NUMBER: 60/077791
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; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
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; PRIOR APPLICATION NUMBER: 60/080328
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; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
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; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29

; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424.

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.le-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWLLSCLMFLSWVEGESQKLPSSRITPCQGSVAYGSCYSLILIPQWTSN 62
||| :||||| :| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 4 PMALPSVSWLLSCLLILCQVQGETQELPSRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 63 AELSCQMHSGLAFLSTGETITFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 64 ADLACQKRPSSGLSVLSGAEGSFVSSLSVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLSRSTGFLKWKDYNCDAKLPYVCKFK 174
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :

RESULT 9

US-10-175-737-424

; Sequence 424, Application US/10175737
; Publication No. US20030013153A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Chen, Jian

; APPLICANT: Desnoyers, Luc

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Pan, James

; APPLICANT: Smith, Victoria

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.le-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWLLSCLMFLSWVEGESQKLPSSRITPCQGSVAYGSCYSLILIPQWTSN 62
||| :||||| :| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 4 PMALPSVSWLLSCLLILCQVQGETQELPSRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 63 AELSCQMHSGLAFLSTGETITFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 64 ADLACQKRPSSGLSVLSGAEGSFVSSLSVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLSRSTGFLKWKDYNCDAKLPYVCKFK 174
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :

RESULT 10

US-10-173-706-424

; Sequence 424, Application US/10173706

; Publication No. US2003002294A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424

Query Match 58.1%; Score 557; DB 9; Length 175;

Best Local Similarity 55.6%; Pred. No. 1.le-48;

Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWLLSCLMFLSWVEGESQKLPSSRITPCQGSVAYGSCYSLILIPQWTSN 62
||| :||||| :| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 4 PMALPSVSWLLSCLLILCQVQGETQELPSRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 63 AELSCQMHSGLAFLSTGETITFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 64 ADLACQKRPSSGLSVLSGAEGSFVSSLSVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLSRSTGFLKWKDYNCDAKLPYVCKFK 174
||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :||| :

RESULT 11

US-10-175-738-424

; Sequence 424, Application US/10175738

; Publication No. US2003002294A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Chen, Jian

; APPLICANT: Desnoyers, Luc

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Pan, James

; APPLICANT: Smith, Victoria

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424

Query Match 58.1%; Score 557; DB 9; Length 175;

Best Local Similarity 55.6%; Pred. No. 1.le-48;

Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

```

Query Match      58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps

QY    3 PMTLCRMWLLSCLFLSWVEESQKLPSSRITCPGVSYSGLILIPOTWSN 62
       : : : : : : : : : : : : : : : : : : : : : : : : : :
Db     4 PMAIPSVWMLLSCLILLCOVGEETQKEPLSPRICPKRAYSGPCVALFLSPKSWMD 63

QY    63 AEISCOMFHSGHIAFLTSTGEITFVSSLVKNSLTAYQYTWIGLHDPSHGTLPNGSGWKWS 122
       : : : : : : : : : : : : : : : : : : : : : : : : : :
Db     64 ADLACOKRPCKGLVSLGAEGSFVSLVRISINSYTIWIGLHDPTCGSEPDGGCWEMS 123

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